

## **Historic, Archive Document**

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# Gold Seal Seeds

Higher Quality  
& Lower Cost

SEE PAGE 2



**The Western Seed Co.**

1425 - 15<sup>TH</sup> ST. Denver Colo.



# THE KING CANTALOUPE



## Van Buskirk's Netted King

The above picture was made from a photograph taken in the field—the most exquisite cantaloupe grown. This cantaloupe is the result of nineteen years painstaking labor; it was propagated by Dr. Van Buskirk of Rocky Ford, Colorado, being a cross between a Japanese sweet melon and the original Rocky Ford cantaloupe—the result a cantaloupe that is acknowledged to be superior to any other grown in all points making up a good melon. It has a small seed cavity; an abundance of delicious sweet meat, containing more sugar by test than any other; flavor more delicate and delicious than any other melon known; vines always free from rust; the best shipper of any cantaloupe grown; very early and producing more fruit for a longer period than any other type; produces marketable melons earlier and later than has been possible from any other cantaloupe. The netting is the most perfect and the melon is firm and solid when ready for consumption, which accounts for its long-keeping qualities.

Market gardeners who plant for marketing purposes should plant this melon because it is true to type, early, a heavy yielder and the fruit commands the highest market prices.

**PRICES:** Packet 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25; 5 lbs., \$10.00. Postpaid.

Other Melons, see pages, 4, 48, 49.

Money Saving Collections and Special Offers, see pages 1, 38, 51, 67, 68, 79, 81, 83.



# Collections



These collections of seed, which we offer at half price, include only the best varieties of their kind and represent many high-priced novelties. The only cheap item about them is the price. It is possible for us to sell these collections at this price for two reasons, we get them ready before the spring rush opens, when our time is less valuable; second, in making this offer, it helps us get acquainted with many new buyers.

## Our Great \$1.00 Collection

Thirty Full Sized Packages, which sell at 5c and 10c each, for \$1.00

### HALF PRICE

Beans, Golden Wax  
Beans, Shippers Green  
Beets, Detroit Dark Red  
Cabbage, Early Wakefield  
Cabbage, Late Holland  
Cantaloupe, Rocky Ford  
Carrot, Chantenay  
Carrot, Oxheart  
Corn, Early Evergreen  
Corn, Howling Mob (New strain)

Cucumber, Long Green  
Lettuce, Grand Rapids  
Lettuce, Prizehead  
Lettuce, Big Boston (Head)  
Morning Glory, Finest Mixed  
Nasturtium, Dwarf (finest mixed)  
Onions, Yellow Globe Danvers  
Onion, Red Globe  
Oyster Plant, Mam Sandwich Island  
Parsnip, Hollow Crown

Peas, American Wonder  
Pumpkin, Small Sugar  
Radish, Early Long Scarlet  
Radish, White Tip Scarlet  
Squash, The Hubbard  
Squash, White Bush Scalloped  
Sweet Peas, Spencer Mixed  
Tomato, Livingston Beauty  
Turnip, Snowball  
Watermelon, Rocky Ford

WE WILL SEND YOU ANY SIX OF THE ABOVE VARIETIES FOR 25c, POSTPAID.

## Garden Seed Collection, \$1.50

Below we have made up a collection of Garden Seeds which is very valuable, especially for beginners

1/2 oz. Early Beets  
1/2 oz. Late Beets  
1 oz. Late Radish, Long  
1 oz. Early Radish, Round  
1/2 oz. Onion, Yellow  
1/2 oz. Carrot  
1/2 oz. Parsnip  
2 oz. Pop Corn  
2 oz. Early Sweet Corn

1/2 oz. Early Squash  
1/2 oz. Late Squash  
1/2 oz. Pumpkin  
1 pkg. Tomato  
2 oz. Early Peas  
2 oz. Late Peas  
2 oz. Wax Beans  
2 oz. Green Podded Beans  
1 pkt. Musk Melon

1 oz. Lettuce  
1 pkt. Cucumber  
1 pkt. Watermelon  
1 pkt. Turnip  
1 pkt. Early Cabbage  
1 pkt. Late Cabbage  
2 oz. Pole Beans  
1/3 oz. Salsify

This collection at regular price amounts to \$2.50. We will send it postpaid for **\$1.50**

NOTICE—As these collections are already put up we cannot change any of the varieties.

## Farm Garden Collection \$3.00

This is a time saving and money saving collection for farmers and ranchers who raise considerable vegetables for the farm kitchen.

1/4-lb. Egyptian Beet.....\$ .35  
1/4-lb. White Egg Turnip..... .35  
1/4-lb. Carentan Carrot..... .35  
1/4-lb. Yellow Danvers Onion... .75  
1-lb. Alaska Peas..... .40

1-lb. Late Stratagem Peas... .45  
1-lb. Golden Wax Beans..... .30  
1/2-lb. Early Sweet Corn..... .20  
1/2-lb. Late Evergreen Corn... .20  
1/2-lb. Round Radish ..... .15

1/2-lb. Long Radish ..... .15  
1/4-lb. Grand Rapids Lettuce.. .50  
1/4-lb. Kleckley Sweet Water-Melon ..... .35  
1/4-lb. Rocky Ford Cantaloupe. .35  
2 qt. Yellow Onion Sets..... .50

THE ABOVE COLLECTION FOR \$3.00, REGULAR PRICE \$5.35.



## **GOLD SEAL SEEDS OF HIGHER QUALITY AT LOWER COST**

The public today demands lower prices—everybody wants cheaper prices. The cost of producing seeds could not be lowered without lowering quality, but poor quality seeds are dangerous. Furthermore, agricultural pursuits are the structure—the frame work on which is hung the fabric of our national existence, and if the grower is paid less than it costs him to produce, he cannot exist and the frame work of our nation is destroyed. We have, therefore, not attempted to cheapen the quality of our seeds by cutting producing costs, but have rather looked to our overhead expenses and a sacrifice in profits as a means of reducing prices.

So right at the beginning of the season, we have started out to do this by reducing the size of our catalog and reducing the number of catalogs and instead of sending them out broadcast we are mailing them only to old customers and to people who write for them. Fancy covers, profusely illustrated, many colored pages raise the cost of doing business and add to the cost of seed, but do not add to their quality. Therefore our seeds are presented to you this year in a plain, simple way. The descriptions have been reduced—they are short and to the point. It will be easier to select what varieties you need. There will not be so much reading to do.

We feel our customers will appreciate this and prefer a plain catalog naming low prices on high quality seeds to a gorgeous manuscript quoting high prices on inferior grades, as, either one of these conditions must maintain.

There is just as much need to plant gardens this year as there ever has been. Hard times are predicted close ahead. There is a slackening up of the wheels of industry. Farmers are inclined to cut down their acreage. A little garden will supply many a meal for the family at an insignificant cost, and what nicer sight can one imagine than a trim, thrifty, little garden patch. How it does add to the neatness of your home—be that home a modest dwelling or a pretentious mansion. It reflects on your standing in the community and imparts a well to do air to your home which is greatly enhanced by a neat lawn, a few well selected trees and pretty flowers. You will take pride in a well kept home place. There is nothing that affords more pleasure to the women and children than flowers and trees, and a handy vegetable garden near the kitchen door is an invaluable help to the housewife in preparing meals.

A garden promotes health, increases prosperity, satisfies the appetite, improves and beautifies the home surroundings and adds to the pleasures of life. All of which are surer of being obtained if you plant **"GOLD SEAL"** Seeds.

**"GOLD SEAL"** is not merely a name or symbol created by unscrupulous advertising, but it represents a real standard of quality, the result of years of ceaseless endeavor on our part to give you real value for your money, time and labor. Our **"GOLD SEAL"** brand is used only on seeds that have been carefully tested. The best proof is our Market Gardener trade. This is a class of people who know seed and know what seed should produce. Their judgment is most severe and we feel pleased that our seeds and service have met with their approval.

Plant life in the West attains great hardiness and vigor, consequently seeds produced in the West are of stronger vitality, productiveness and germination than those grown under less favorable conditions.

# Novelties

**LAURA BARNES**—A popular Dahlia of the peony-flower-class, holding its immense orange red flowers well above the foliage on long stiff stems. Each, 50c.

**DELICE (Dec.)**—Color a glowing rosy-pink of perfect form, stout stiff stems, which holds the flowers well above the foliage. A wonderful cut flower variety. Each 25c.

**BERCH VAN HEEMSTEDE (Dec.)**—An extra fine dahlia of large size, fine form, an early and profuse bloomer. Color clear rich yellow. Each 25c.

**SNOWDON (Cactus)**—The best white cactus dahlia in cultivation. Color pure white, flowers large on good stems. Each, 25c; \$2.50 per dozen.

**L. G. MANITOU (Dec.)**—An immense flower. Color, purple streaked and mottled with crimson. Each, 25c.

**W. W. RAWSON (Show)**—Fine large flower on long stems. Color white overlaid with delicate lavender. Each, 25c.

**MRS. H. J. JONES (Cactus)**—Large dahlia with long claw-like petals curving forward. Color, bright vivid red tipped and edged with pure white, sometimes solid red. 25c each; \$2.50 per dozen.

**THE ROSE (Show)**—A very large dahlia held erect on long stiff stems. Color similar to the American Beauty rose. 25c each; \$2.50 per dozen.

**RIESE VON STUTTGART (Dec)**—A gigantic flower. Deep purple red, very attractive. Robust in habit. 25c each; \$2.50 per dozen.

**HORTELANUS FEIT (Dec)**—A colossal flowered variety with blooms over eight inches in diameter of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. Each, 50c; per doz., \$5.00.

**GEISHA (Peony-Flowered)**—The showiest and most attractive of this type yet introduced. Petals very long, curved and twisted. A rich combination of scarlet and gold, shaded to amber yellow. A queen among Dahlias. Each, 50c.

**RONOLA PIZZANI (Peony-Flowered)**—A produce bloomer. Good stems. Flowers beautiful buff color. 25c each.

**HORTULANUS WHITE (Dec)**—A very large long-stemmed, free-flowering pure white; a splendid cut flower and exhibition variety. 50c each.

**CHIPETA (Cactus)**—A mammoth flower borne on very long stems, which hold the flower erect. Rich amaranth red. A pleasing color. 50c each.

**WODAN (Cactus)**—Bold, large, but not coarse flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurved tubular petals of a pleasing, delicate salmon rose color, shading to old-gold in the center. 50c each.



Laura Barnes

**GOLDEN WEST (Cactus)**—A superb flower of exceptional size. Stems long and rigid, holding the flower to full view. Color, golden yellow, shaded to pure yellow in center. Has no superior. 50c each.

**COUNTESS OF LONSDALE**—The freest-flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just suspicion of apricot at the base of the petals. 25c each.

**MOONBEAM (Decorative)**—An immense flower, borne on excellent stems. Color, clear canary yellow. One of the best of the light yellows. 25c each.

**QUEEN MARY (Dec)**—A profuse bloomer, holding its well shaped shell pink flower on long stiff stems. 25c each.

DAHLIAS CONTINUED ON PAGE 79.



Hartner's Early Bird

## Early Bird Tomato

Now the best known early tomato on the Denver and adjoining markets and is being used by several of the leading canners of the West. Space limits us from publishing numerous words of praise received each year from market gardeners and others that are planting this wonderful early tomato. Always the first to appear on the market, and in a year of tomato blight it will show a great advantage over the late varieties on account of its earliness as it will form fruit before the plant is affected.

**EARLY BIRD**—This new, extra early, wonderful tomato came to our notice five years ago, and we offered it as a novelty on account of its merits. It is now the leading early tomato.

The Early Bird is both earlier and superior to the June Pink or Earliest Pink, and its color is red, not pink or off-color, like other early varieties. Market gardeners who are looking for something early, of good even size and a heavy bearer, should not overlook this wonderful tomato. It is extremely early, of dwarf habit, bears large fruit, and a heavy producer of good colored tomatoes—what more do you want?

The Denver market is very partial to what is known as a purple tomato, such as the Beauty, regardless of quality. The Early Bird is not a purple, but a red tomato, but nevertheless where once tried the Early Bird will outsell the Beauty. Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.50. Postpaid.



OUR SEED IS  
FROM SELECTED  
SWEET MELONS

## NOVELTIES—Continued

IF YOU LIKE  
MELONS  
TRY THIS ONE

### GOLDEN QUEEN MUSKMELON



Golden Queen

#### (The Most Delicious of All Melons)

This wonderful muskmelon combines all the good qualities of the Netted Gem, Osage, Rocky Ford, Burrels Gem, etc., and is considered the earliest muskmelon under cultivation. In shape it resembles the old-time muskmelon, having heavy ribs and thickly netted. The flesh is of the richest Golden Orange color,  $1\frac{1}{2}$  inches thick, being much sweeter than the sweetest Rocky Ford.

**GOLDEN QUEEN** is the Queen of the golden meated melons of Colorado, but owing to the thick meat and thin rind it is not to be classed as a good shipper or keeper but has been known to stand up well for 6 to 8 days. As a table melon the Golden Queen heads the list, for it is the most delicious, sweetest and juiciest of them all.

Market gardeners will find that where once tried this melon will outsell any other variety, and the trade will demand it.

When you are making up your seed order for the home garden don't forget to include Golden Queen.

Golden Queen will yield more than the Rocky Ford. The fruit is of large, uniform size; no small unmarketable melons.

Pkt., 10c; 1 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$3.00. Postpaid.

FOR OTHER VARIETIES OF MELONS  
SEE PAGE 48.

### HONEY DEW

(By Far the Sweetest Vegetable Grown)

Honey Dew is of the melon family and was propagated and introduced in this country by Mr. Gauger of Rocky Ford, Colorado, in 1915. Never before has there been a vegetable or melon introduced that received the welcome and popularity the Honey Dew has. The fruit when ripe is truly the sweetest, juiciest, most delicious and palatable of any melon or cantaloupe obtainable.

The Honey Dew very seldom ripens on the vine, but is harvested before frost and stored away from danger of freezing, and then, like the banana or a green tomato, it will gradually ripen. The vine is very vigorous and seldom affected by rust. Produces 6 to 10 melons of uniform size. As shown by the cut, its shape is almost round; has a very smooth golden yellow surface, but turns to dull cream when ripe. The flesh is green with a texture like a Bartlett Pear, but as sweet as honey. It is an excellent keeper. Give it a trial and you will have melons on your table or for the market until Christmas.

Price: Pkt., 5c; large pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c lb., \$2.00. Postpaid.



Honey Dew

### MADRID ONION

THE WONDER OF THE AGE

(The largest yellow onion in the world—originated in Spain)

**THE MADRID** is a much larger onion than the Giant Gibraltar, and compared with the above, instead of being flat, it is more round. Its skin is yellow, has snowy white meat, of mild flavor, very crisp and tender. This onion can be used for the table at any time during its growing period after the bulb has formed. One does not have to wait until this onion is matured before eating. To grow successfully raise your plants in hot bed or in a box in the house and transplant in the early spring to the field on rich ground. You will be surprised at the enormous onions you can grow. Postpaid. Pkt., 10c;  $\frac{1}{4}$  lb., \$1.50;  $\frac{1}{2}$  lb., \$2.75; 1 lb., \$5.00. Plants \$1.00 per 100.



## NOVELTIES—Continued

### Imperial Cucumber

IMPERIAL  
CUCUMBER  
A  
MONEY MAKER  
FOR  
MARKET  
GARDENERS



FOR  
OTHER  
CUCUMBERS  
SEE  
PAGE 44

**IMPERIAL CUCUMBER**—We have listed this cucumber among the specialties for a number of years, so by this time it must be well known to all planters who have received our catalog. But it is such a wonderful cucumber, being so far ahead of all other varieties, that it deserves a space among our specialties.

**IMPERIAL CUCUMBER**—Another strictly "Gold Seal" product that has attained the highest favor among the most critical cucumber growers in the country, and has taken the place of such valuable varieties as the Davis Perfect, Fordhook Famous, Long Green, White Spine, etc., among the market gardeners, because it is more prolific, of better color and more uniform in size, averaging from 10 to 14 inches in length. They are always straight and free from crippled or little necks, withstands blight better and has practically no seed chamber, but is composed of almost solid white firm flesh that is most delicious in flavor.

At the Arkansas Valley Fair, held at Rocky Ford, the Imperial Cucumber was awarded first place as a slicing cucumber, and to win at this fair a cucumber must be almost perfect. On account of its good merits we have given it space again this year at the front of our catalog.

Postpaid: Pkt., 5c; large pkt., 10c; oz., 15c; ½ lb., 85c; 1 lb., \$1.50.

## Stockholm Rutabaga (Turnip)

The Newest and Most Perfect Rutabaga Grown.

A distinct and perfect type of the purple top yellow-fleshed Swedish Rutabaga that is not inclined to run any thick necks or long roots. When full grown and ready for the market the roots are round and smooth, averaging from 4 to 6 pounds apiece. The meat is sweet and tender and is also relished by all kinds of stock. Each year finds many acres of Rutabagas planted in our mountains for stock feeds. On account of the heavy yielding power of the Stockholm Rutabaga we recommend it in preference to any other sort, either for market or for stock where a turnip is wanted. Our seed comes direct from Sweden, the home of the Rutabaga. Postpaid. Pkt., 5c; oz., 15c; ½ lb., 75c; lb., \$1.25.



Stockholm

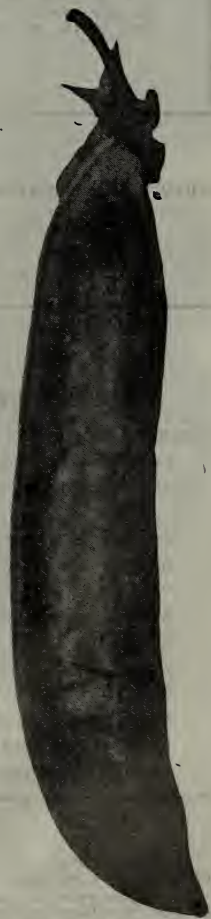
## Hartner's Early Market Pea

A wonderful extra early variety that possesses the good qualities of the early wrinkled sorts.

A wonderful, extra early, large podded pea. Hartner's Early Market is an earlier pea than the Gradus, altho the pods are about the same size but they are plumper and better filled than those of the Gradus variety. The vines grow 51 inches high. It is also earlier than the American Wonder and pods larger.

The most money is made from the large, early peas. As is generally known, the Alaska is the earliest of all peas, but the pods are so small that they are not so desirable or profitable as the later varieties such as the Gradus and Laxtonian. But the Early Market is the money maker for the market gardener. As it is a smooth pea it can be planted earlier than any of the wrinkled varieties.

As our supply of this wonderful pea is limited we advise buying early. If you want large podded peas for the market before your neighbor you must plant Early Market. If you want to increase your profits plant Early Market. Postpaid—Pkt., 5c; large pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25. If by express, mail or freight, at purchaser's expense, 5c per pound less.



Early Market



BUY  
NO  
OTHER

## Evergreen Hollander Cabbage

PLANT  
NO  
OTHER

ORIGINAL STRAIN

Sold Only in Sealed Packages

COLORADO'S MOST POPULAR LATE SHORT STEM CABBAGE

After the European trouble started, shipments of seeds from overseas gradually became less and less, until they finally stopped altogether. Our stock of **DANISH-GROWN EVERGREEN HOLLANDER CABBAGE** seed was very low, and, on account of this interruption, we found it impossible to get more of this seed. Knowing exactly what this strain was and the wonderful yields of fine quality heads it would produce, we were, and have remained, unwilling to attempt to offer any substitution under the name of our **EVERGREEN HOLLANDER CABBAGE**. But this year you can get seed of the original strain from us. A shipment is now afloat. The price is less than last year.

Our experience, as shippers of cabbage and vegetables, is that our Evergreen Short Stem Hollander Cabbage has no equal, and as we handle thousands of tons annually, our word may be relied upon. Evergreen Hollander excels in quality—the heads are uniform, solid, heavy and crisp. It will equal and outyield all other varieties under similar conditions. The instance has been known where twenty tons per acre was secured from good, strong ground with proper attention and handling. It has wonderful keeping qualities, and consequently is much sought after by carlot shippers. The rich, green color of the heads is retained as long as they exist. We have seen Evergreen Hollander taken out of pits as late as March 5th and the heads were as green as when buried.

**EVERGREEN HOLLANDER CABBAGE** is our own origination and we control the strain. It can only be secured from us and then only in sealed packages bearing our Gold Seal trademark. If you buy this seed from us, and with proper care and attention, do not raise the finest crop of Hollander Cabbage you ever grew, we will refund your money. You cannot get the genuine strain except in Gold Seal packages. **Postpaid: Pkt., 15c; oz., 50c; ¼ lb., \$1.50; ½ lb., \$2.75; 1 lb., \$5.00.**



Evergreen Hollander

For other varieties of Cabbage, see pages 34, 35, 36, 37.

## GREEN ROCK CABBAGE

**GREEN ROCK CABBAGE**—A very popular new variety. Heads are round and solid as a rock, weighing from two to five pounds each. A very desirable size for market and on account of nice green color, firm heads, very desirable as a shipping variety. It matures about as early as Copenhagen Market and ahead of Glory of Enkhuisen; it remains in perfect condition a long time after matured and very seldom splits. It can be planted closer than any other variety of cabbage. **Pkt., 15c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.**

## JOHN BAER

### The Largest Early Tomato Grown

**JOHN BAER**—In the past few seasons this tomato has become so popular with tomato growers and tomato shippers that we think it should be given a fair trial this year in every garden.

The **JOHN BAER** tomato is the largest extra early tomato grown. It is a very vigorous grower and sets its blossoms quicker than any of the early sorts. It does not make long vines, but covers the short stalky vines with an abundance of large size, globular, smooth and uniform tomatoes that ripen quick and are ready for the market one week earlier than the Earliana. The color is a beautiful bright scarlet. The fruit is coreless and has a delicious, sweet flavor, being very solid and meaty. It often has from eight to ten large, perfect tomatoes in one cluster. **Pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.50. Prepaid.**



John Baer

## Early Western Lima Beans

On account of climatic conditions Lima Beans, both the pole and bush varieties, are not a very successful crop in this section. Our seasons are too short.

This year we are introducing a new Lima. It is much earlier than the other sorts, and is especially adapted to our Western country. It is a heavy cropper and a vigorous grower. **Price: Large pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.60; 10 lbs., \$2.90. Postpaid.**



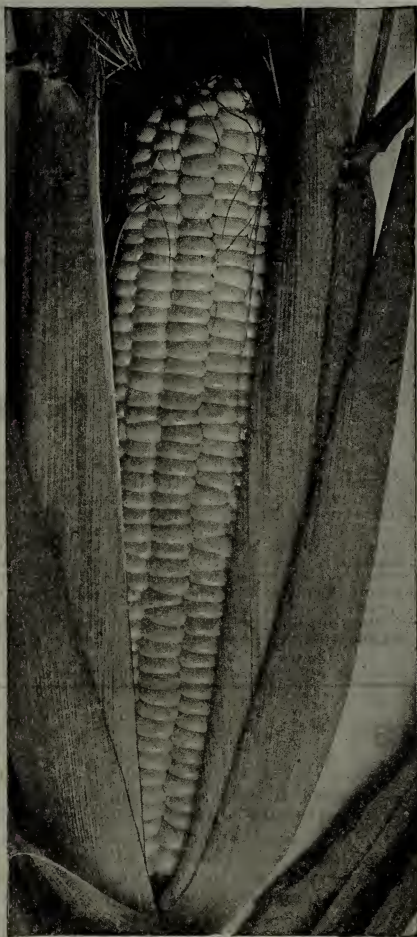
# Hartner's Extra Early Pearl

THE EARLIEST SWEET CORN IN CULTIVATION

There is no other vegetable that is awaited with so much eagerness as the first Sweet Corn, but the great disadvantage with our first roasting ears is, they are either of very small size or they are not of a sweet flavor.

**HARTNER'S PEARL** is an extremely early variety of corn that has been thoroughly acclimated to our climate and will continue to grow throughout the early cold spring days when other varieties usually become stunted. Several experiments on different soils the past season proved the Early Pearl to be from 5 to 10 days earlier than any other variety of early corn. Besides being extremely early it produces good sized ears with 8 to 10 rows of exceptionally fine Pearly Sweet Corn. It is superior to all other varieties of early corn for it withstands light frost and can be planted early in the spring and will, from the day of germination, rush forward to meet the early demand for sweet green corn. It is a fine early corn for the garden and a money maker for the market gardeners. Postpaid: Pkt., 5c; 2 ozs., 10c; lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

If by freight or express at purchasers expense, 5c per lb. less.



Hartner's Early Pearl

# Everbearing Strawberry

FOR OTHER VARIETIES SEE PAGE 80.

For the last few years you no doubt have heard about this wonderful Strawberry the same as we have, but we never put much faith in what we heard until five years ago, when we took special interest in this berry. And we are satisfied that it was just as represented, for it started in June and was still bearing when the severe freezes destroyed the leaves.

For best results the early blossoms, which appear in May and June, should be picked off. This practice insures a good production in September and October when the markets are bare of strawberries.

The fruit resembles the Senator Dunlap in appearance and size and is just as red, juicy and as good a flavor as any strawberry produced. It is unlike other varieties as it starts to bear the same season you set it out, providing, however, that you give it a fairly good piece of strong ground with a little cultivation, and keep them free from weeds. Don't pick or trim off any of the runners or shoots, just allow them to run and bloom all they want.

There are several varieties of Everbearing Strawberries. We can supply varieties as follows: Progressive Superb and Americus. We especially recommend the Progressive, and we have an extra fine lot of plants of this variety that are acclimated to our Western country.

Get your order in early. Shipments will be made at any date you desire. Have your ground ready and we will forward the plants so you will receive them in nice fresh condition, well packed.

Price: 1 doz., . 25c; 50 plants, \$1.00; 100 plants, \$1.50; 1,000 plants, \$12.00. Postpaid or Prepaid Express.



Everbearing Strawberry (Progressive)

# St. Regis Everbearing Raspberry

This wonderful raspberry marks a new era with this popular fruit. It is the most valuable introduction of the century in the fruit line. It bears continuously from July until late in October. Every garden should have this fruit for it is as hardy and easily grown as any raspberry. It produces large, luscious, sweet, red berries of the very best quality and finest flavor. The plant is perfectly hardy and a vigorous grower.

Postpaid or prepaid express—25c each; \$1.75 per doz.; \$5.00 per 100.

Not prepaid—20c each; \$1.50 per doz.; \$4.50 per 100.



## NOVELTIES—Continued

### Bantam Evergreen or (Large Bantam)

Golden Bantam is an excellent corn. Stowell's Evergreen is a fine corn. But **BANTAM EVERGREEN** is a better corn than either. It is a strain that has been developed from these two varieties. It possesses the sweetness of both varieties; ears are larger and kernels deeper than the Golden Bantam. It is earlier than the Evergreen. If you want a good, sweet, big yielding, large eared sweet corn that is early, plant **BANTAM EVERGREEN**.

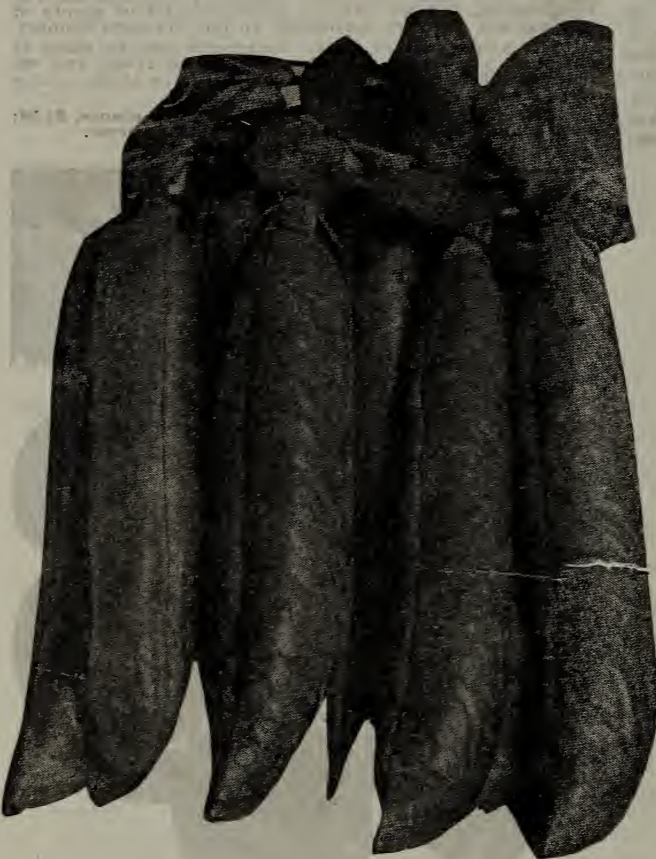
Leading market gardeners of the East have endorsed the **BANTAM EVERGREEN** as the best selling and most profitable yellow corn to grow. The past season we placed a few samples among some corn growers near Denver, and they report very favorable, as to its eating and selling qualities, stating that it is not extra early but follows the extra early and should be termed as a "Second Early."

A trial will convince you that **BANTAM EVERGREEN** will soon be a leader of the Golden varieties of sweet corn among the market gardeners and sweet corn growers about Denver. In selecting your seed for the home garden don't fail to include **BANTAM EVERGREEN**. We know it will please for it is larger than the Golden Bantam and equally as sweet. **Postpaid: Pkt., 5c; 2 ozs., 10c; lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.**



**Bantam Evergreen**

Mr. Percy Wolff of Jefferson County, one of the most critical and largest gardeners on Wheatridge, claims that he has made more money on Evergreen Holland Cabbage than any other variety of cabbage he ever raised, due to the unusual large tonnage produced to the acre, and requested that 3 pounds of Evergreen Hollander and also 50 pounds of Special Strain Extra Early Mayflower Corn be reserved for him, sure.



**Laxtonian Peas**

### LAXTONIAN PEAS

This is one of the finest peas that can be grown. The vines are dwarf, do not require support of poles or trellises. It is ready for gathering as early as the Gradus. Has a true marrow-fat flavor. The pods are very large, if anything larger than the Gradus, and better filled. Vines grow about 19 inches high. The halum is covered from top to bottom with even sized pods. It is wonderfully hardy and a vigorous grower. Pods and vines are of a rich, healthy green.

**Postpaid: Pkt., 5c; 2 ozs., 10c; lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.00.**

### VICTORY OATS

**VICTORY OATS** were originated in Sweden where they were known as Segar Oats. Eight years ago they were introduced into Canada, where in competition with all other varieties of Oats at the Fairs, Land Shows and exhibitions, they always took first prize, and from this fact they were renamed **VICTORY OATS** because of their victory over all other varieties. The genuine Victory Oats are good size, plump, solid grain and especially desirable because of the thin hull and plump kernel; over 90 per cent of the grain is meat. This is very essential to good oats, as more grains set on the heads than varieties that have a big, thick hull. Victory Oats are the heartiest oats grown; they are early and make enormous yields. Our seed originated from the King's farm in Sweden, and we know it to be pure. We would like every grower to try this oat, but our stock is limited, so advise ordering early. **Not prepaid; purchaser paying express or freight charges.** If by **Parcels Post**, add 5c per pound. **Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75. Per 100 lbs. or more, see Blue List.**



# Drought-Resistant Seeds

Being located in a territory where water is scarce and great sections of land under cultivation depend wholly upon rainfall, which is quite limited—we make a specialty of Dry Land Seeds. By Dry Land Seeds we mean those that produce crops of profit, with the least amount of moisture, and the seeds we offer for this purpose have the strongest germinating power, which in a period of drought continue to grow. Our Dry Land Seeds are grown in non-irrigated districts, maturing in a climate containing but little moisture, and, being grown under these conditions, are capable of resisting more drought than the general seeds offered.

## PRAIRIE OR RESCUE GRASS

A new and distinct type of hay or pasture grass of rapid growth. Similar in appearance to *Bromus Inermis* with the exception of the seeds and seed heads, which are larger. Prairie Grass grows about 2½ to 3 feet high and forms a heavy sod the first year.

True to its name it is a prairie grass and will survive and produce on any prairie where other varieties of wild grass, such as Buffalo Grass, are found. It also does well on moist soils and under favorable conditions produces enormous crops and can be cut four times in a year, providing it is not allowed to go to seed.

Prairie Grass will produce a crop of early hay, and can be mowed in plenty of time to allow a second growth that can serve as a winter pasture. But the main feature of this wonderful grass is its resistance to extreme cold winters and excessive drought in the summer. This makes it valuable for our western prairies where the worthless Buffalo Grass now abides.

On account of the scarcity of this seed, this is the first rescue grass we have been able to offer our trade in three years. The seed is usually sown at the rate of 40 pounds to the acre. It will not stand cultivating after planting. 1 lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.00. Larger amounts, see Blue List.

## Sudan Grass

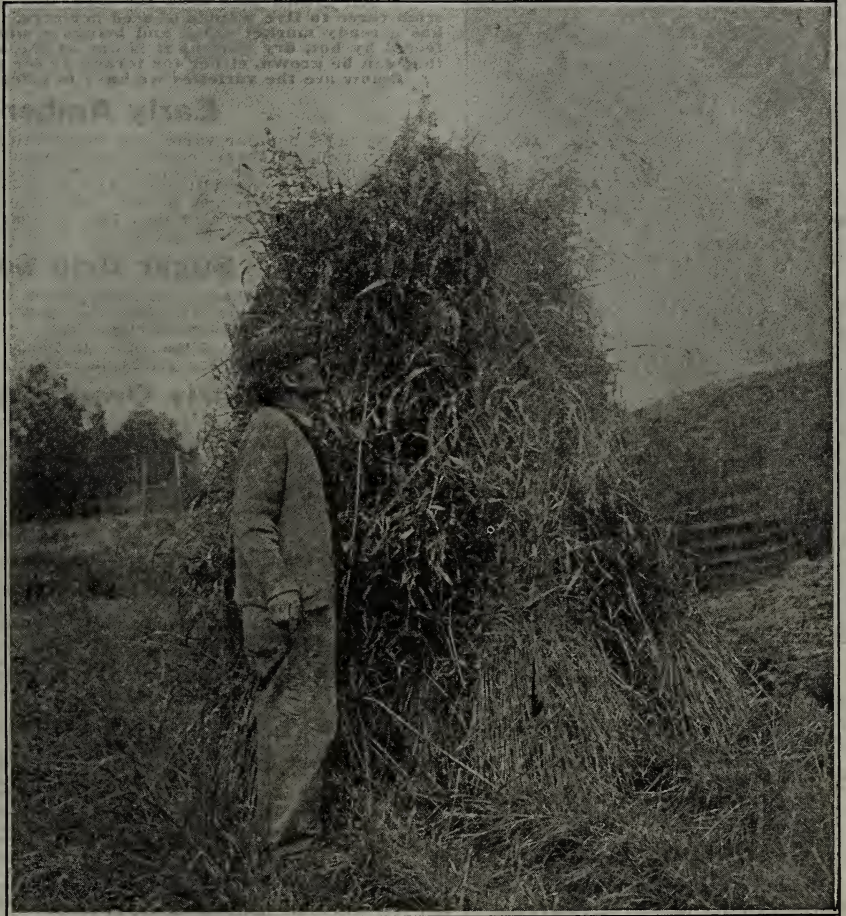
Live stock find Sudan Grass particularly palatable and show a marked preference for it over other forage. For beef and milk it has proven to be a splendid nutritious feed. This does not mean that Sudan Grass will replace Timothy or Clover, but will doubtless compete with Millet or Amber Cane wherever that is now grown.

Sudan Grass belongs to the Sorghum family. It is an annual, lacking underground root stalks. Two cuttings can be obtained under favorable conditions. It is splendid for growing in mixtures with Cow Peas and other legumes, as its stiff stem supports the vines and makes harvesting of the legumes easier by keeping them off the ground.

It does best in hot weather and is not suited to altitudes above 7,000 feet. It makes heaviest yields on a rich loam, but it has been grown successfully on almost every class of soil from heavy clay to light sand. The ground should be firm and well drained.

Sudan Grass should not be planted until all danger of frost is over and the ground thoroughly warm, as the young plant is more tender than sorghum. The crop should be cut for hay as soon as the grass is fully headed. If planted in drills it can be readily harvested with a corn binder. We think that every farmer, whether on dry land or irrigated land, should at least give this wonderful forage plant a space on the farm. If you are interested on a large scale, write us for further description and prices on larger quantities.

Prices: Postpaid, 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50. 25 lbs., \$3.50, not postpaid. For larger amounts, see Blue List.



A Shock of Sudan Grass. Our Seed is Northern Grown.

## JOHNSON GRASS

It does magnificently in the North, and makes 4 tons of grass per acre. In the South, in some states, it is considered a pest as it is hard to keep it in bounds and to eradicate it when once established. But it nevertheless makes good hay and can be relied upon to produce a good crop during the hottest and driest seasons. It should be cut before the seed tops emerge from the sheaths to keep it from spreading the seed, and the feeding value of the hay is then the highest and is better than Timothy.

It can unquestionably be eradicated from the land by close cutting and grazing and late fall or winter plowing. Still it is better to sow it where it can remain as a permanent crop. The roots of Johnson Grass are easily killed by cold weather, and exposure of the roots by late fall or winter plowing will effectually eradicate it whenever freezing cold weather occurs.

Prices: 1 lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.25. Postpaid. 25 lbs., \$7.25; 100 lbs., \$25.00. Not postpaid. For larger amounts, see Blue List.



## Sorghum, or Cane

Prices Are Not Postpaid—If by Parcel Post add 5c per lb.

Sorghum as a hay crop can be grown with less expense and will yield a larger crop under the most unfavorable circumstances than almost any other forage crop. It will yield many tons per acre, which, when properly cured, makes an excellent feed for cattle or horses. Containing a high percentage of sugar, it is very sweet and palatable and is preferred by stock to any other forage, and for cows nothing can be better, as it produces an abundant flow of milk.

If intended for hay, the seed should be sown thickly; if broadcast, about one bushel per acre, and if in drills, about three pecks of seed will be required. This will make good fine hay. Cut when seed is in dough.

When grown as a crop for seed, sow in drills three feet apart, using from three to five pounds of seed per acre. Cultivate as for corn. The seed has a ready market value and brings remunerative prices. In sections affected by hot, dry seasons it is one of the safest and most profitable crops that can be grown, either for forage or for seed.

Below are the varieties we have to offer.

### Early Amber Cane

The most popular variety in this section. It furnishes a large yield of most nutritious forage, being rich in saccharine matter. It can be fed to stock either green or cured, and it will produce one abundant crop of feed. And after being cut will stool and furnish a good growth which may be pastured. The seeds are more or less black. The standard dry land Cane.

Prices: 1 lb., 10c; 10 lbs., 75c; 25 lbs., \$1.50. If by Parcel Post, add 5c per pound. See Blue List for prices on larger amounts.

### Sugar Drip Sorghum

This variety makes a large yield from which fine quality syrup is made. It is easy to make syrup from this new variety. It also yields a large amount of forage; makes excellent hay.

Prices: 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.00. If by Parcel Post, add 5c per lb. See Blue List for prices on larger amounts.

### Early Orange Sorghum

This variety is fast gaining favor, especially where fodder is desired, as it produces more fodder than Early Amber. But this is not a good variety for syrup making. Used extensively in the South for hay.

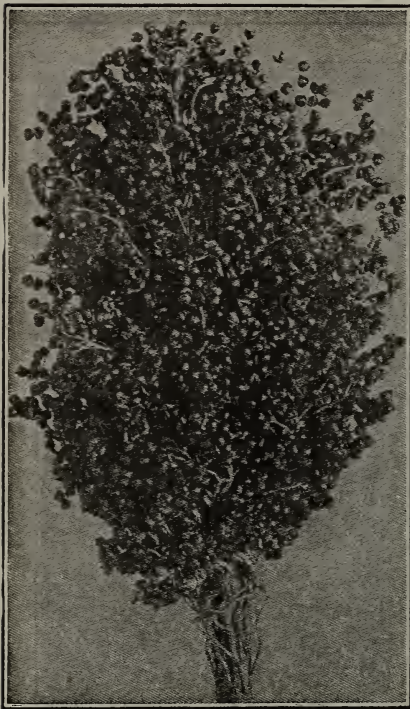
Prices: 1 lb., 15c; 10 lbs., 75c; 25 lbs., \$1.50. If by Parcel Post, add 5c per lb. See Blue List for prices on larger amounts.

### Red Top Cane

A long season variety maturing late in the Fall. It does well on our dry lands, but is not very well known in our Colorado district.

Red Top is the heaviest yielder of forage or fodder among the sorghums. It grows 7 to 8 feet high on thin stalks, which contain equally as much food value as the Amber Cane. Owing to the heavy growth of leaves Red Top is a favorite where hay is wanted.

Prices: 1 lb., 15c; 10 lbs., 75c; 25 lbs., \$1.50. If by Parcel Post, add 5c per lb. See Blue List for prices on larger amounts.



Head of Early Amber Cane.

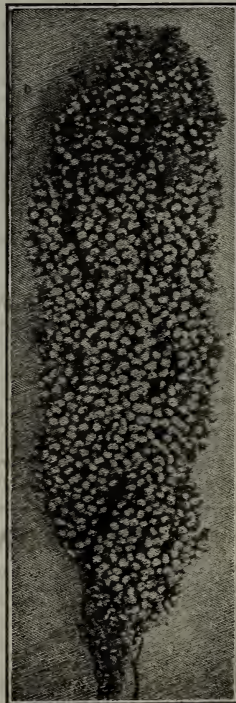
### Kaffir Corn

These prices are not postpaid. If wanted by Parcel Post, add 5c per lb.

For large amounts write for Special price.

### Shrock Kaffir (New)

An entirely new grain discovered several years ago in Oklahoma on dry uncultivated ground by Mr. Roy Shrock, who, with the help of the United States Agricultural College of Oklahoma has experimented and tried this grain thoroughly before offering it to the farmers. The results of the experiments show that the stalks are sweet; cattle eat it down to the roots; horses prefer it to Sudan Grass or cane; and that its growth is different than any of the other sorghums. It grows about four feet high. The stalks are very stalky and the plant is a great stooler, which makes it a heavy yielder of fodder that is excellent silage. The heads are large and full of grain, and are supported on heavy stems that do not bend over and cause the plant to lodge. Shrock Kaffir Sorghum is a drought resisting plant and can stand more dry, hot weather than any other plant of the sorghum or Kaffir family, and it can be used in three different ways, either for hay, silage or grain. If using for hay cut when the heads are not quite matured, then sun dry and stack in the usual way. If the heads are allowed to ripen off they should be harvested with a knife so that cattle can be turned in on the remainder of the field, which would be excellent pasture. When using for ensilage handle the same as you would corn. Judging from reports on this new grain we think that it will take the place of Sudan and Feterita. If planted in rows and cultivated like corn eight to ten pounds of seed is enough. But if sown broadcast it would require fifty pounds to the acre. The grain resembles Kaffir Corn and can be fed to all stock. Plant it this year, don't wait. Special prices on large amounts. Lb., 15c; 5 lbs., 75c, postpaid; 10 lbs., \$1.25; 25 lbs., \$2.25, not postpaid. On large amounts get delivered prices.



Shrock Kaffir Corn

### Kaffir

Kaffir is the great fodder crop of Western Kansas and Nebraska, valuable for both fodder and grain. Regions so dry where corn cannot be grown, Kaffir Corn will make a good yield, 30 to 40 bushels per acre, of seed equal to corn in feeding qualities, besides a large amount of forage. It does well anywhere in the corn belt, and on good ground will yield as much per acre as corn. The fodder is better than the best corn fodder, and almost equal to cane. Grain is especially valuable for fowls, as it is a convenient size for feeding and seems to be just the right quality.

**DWARF WHITE KAFFIR BLACK HULL**—This variety is dwarf, growing about 4 feet high; it is earlier than the ordinary White Kaffir. Lb., 10c; 5 lbs., 35c; 25 lbs., \$1.50, not postpaid. If by Parcel Post, add 5c per lb. See Blue List for prices on larger amounts.

**RED KAFFIR**—This is tallest growing variety. Lb., 10c; 5 lbs., 35c; 25 lbs., \$1.50, not postpaid. If by Parcel Post, add 5c per lb. See Blue List for prices on larger amounts.

### Milo Maize

**DWARF STRAIGHT NECK MILO**—This variety of milo is earlier than the other varieties of Milo Maize. It is the heaviest yielding milo and will stand more drought than Feterita Kaffir Corn and the Standard Milo. Stock thrive on the fodder. Makes good material for filling silos. Will produce a



crop where corn fails. Straight Neck Milo is easily harvested. Stock prefer it to corn. It keeps them in good condition. **Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50, not postpaid.** If by Parcel Post, add 5c per lb. For larger amounts, see Blue List.

## Jerusalem Corn

Especially adapted for culture in dry sections. It is a sure cropper, yielding an immense crop of flat, soft grains similar to White Kaffir Corn, being very valuable for feeding stock and poultry. The plant grows about 3 feet high. It can be depended upon to produce a crop, regardless of drought. **Lb., 20c; 10 lbs., \$2.00.** If by Parcel Post, add 5c per lb. For larger amounts, see Blue List.

## Broom Corn

This is a money-maker. Besides the brush, which sold in the past as high as \$250.00 per ton, it produces a very heavy yield of seed which is equal to Milo Maize or Feterita for feeding.

Should be planted about June 1st in rows 3½ feet apart and hills 6 to 10 inches apart. It requires about 8 pounds of seed to an acre. You should try Broom Corn this year, and if your conditions are right to produce a crop of Broom Corn, you have a money-maker.

**IMPROVED EVERGREEN**—This variety produces a fine quality of straight green brush. **Lb., 15c; 5 lbs., 70c;**

**10 lbs., \$1.25; 100 lbs., \$7.00.** If by Parcel Post add 5c per lb.

**OKLAHOMA DWARF**—Grows about 5 feet high. It is earlier than any other variety; succeeds well on dry lands. Produces a large yield of fine brush. **Lb., 15c; 5 lbs., 70c; 10 lbs., \$1.25; 100 lbs., \$7.50.** If by Parcel Post add 5c per lb.

## Feterita, or Shribar Corn

**The Prices on Feterita Are Not Postpaid.**

This new early bearing forage plant is of the Kaffir Corn or Milo Maize type, but matures from 15 to 25 days earlier than either of the above, and considered by many equal to any of the forage varieties for feeding purposes. In habit, Feterita resembles Milo Maize, except that the heads are uniformly erect and the seeds are larger, softer and chalk white in color. The stems are rather slender and vary in height from 4 to 7 feet with locality and season. They are somewhat juicy and slightly sweet before ripening. In general Feterita yields have been equal and in some cases better than other grain sorghums. Experiments so far indicate that its earliness, its rather low water requirements, its satisfactory yield and the ease with which it may be harvested, give it a real place among sorghums, either for grain or forage, or both.

**Prices: Lb., 15c; 5 lbs., 40c; 10 lbs., 75c.** If by Parcel Post, add 5c per lb. For larger amounts, see Blue List.

Prices Not Postpaid.

## MILLET

If Wanted by Parcel Post, add 5c Per Lb.

Milletts are especially adapted to regions of light rainfall and hot weather. The seed is a very valuable feed for hogs, poultry, etc. The hay is fed most satisfactory to dairy cows and sheep.

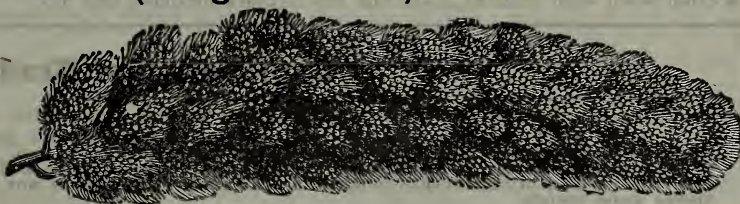
Milletts are sown about the same time as corn, but if grown for hay and not seed they may be sown as late as July 10th. The seed is usually sown broadcast about three-quarters of an inch deep. But when grown for seed it is best to plant in rows. The best hay is obtained, if cut, just as the millet starts to head.

## German Millet (King of Milletts)

Our seed is true to name and genuine. Unless you are familiar with the appearance of the seed and the growth and habits of German Millet one can easily be fooled with Common Millet. In fact, two-thirds of the dealers in seeds do not know the difference, and many a field has been sown with Common Millet and the planter was under the impression he was sowing German Millet. Write for sample and compare it with German Millet offered by other firms. German Millet and Golden Millet are not the same.

Genuine German Millet from true seed will have a very heavy growth of fine stalks heavily covered with fine narrow leaves that make excellent hay of the finest quality. All of which can be fed without waste. German Millet is very partial to good soil, and better results will come from good rich soil and will often grow five feet tall, but the average growth is three and one-half feet to four feet tall. True German Millet Hay is very sweet and cattle relish it and when fed to dairy cows it will largely help to increase the quantity and quality of milk.

It should be harvested when in full bloom, in which case the hay will be very tender and sweet. A good yield of German Millet Hay will be from three to five tons per acre. Now we want to say right here that other millets will not do the things German Millet will do, and every pound of German Millet seed we have is genuine and we will send you samples if you wish. Now don't be fooled by other houses, order Gold Seal Brand German Millet and you will get the genuine seed. Remember, German Millet is the King of Milletts. **Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., see Blue List.**



German Millet

## Siberian, or Russian

The most wonderfully productive and satisfactory forage plant, possessing in a superior degree all the essential merits of any of the older sorts, besides many other points of excellence that distinguishes it and renders it a most valuable addition to the list of forages, and which destines it to take front rank, if not lead, all the rest. It is said to have come from Russia, which would, of course, give it vigor and hardiness not possessed by those originating in a warm climate. **Lb., 15c; 10 lbs., 70c; 25 lbs., \$1.50; 100 lbs., see Blue List.**

## Hog, or Manitoba

(Sometimes Known as Broom Corn Millet.)

Experience has shown that Broom Corn Millet, when grown in competition with German or Common Millet, on the dry lands of this Western section, is a surer cropper. No matter how dry our summers may be, it is almost sure to produce an abundance of grain; sometimes as much as 60 to 70 bushels to the acre being produced. It should be cut while young. It is very early, maturing in from 70 to 80 days.

The seed being the richest and most valuable hog feed that can be produced, and it is surprising how eagerly the hogs eat it. As a poultry food it is very valuable. If grown for a hay crop, it should be cut be-

fore the seed matures. **Lb., 15c; 5 lbs., 45c; 25 lbs., \$1.50;** Larger amounts, see Blue List.

## Japanese

(Million Dollar Grass.)

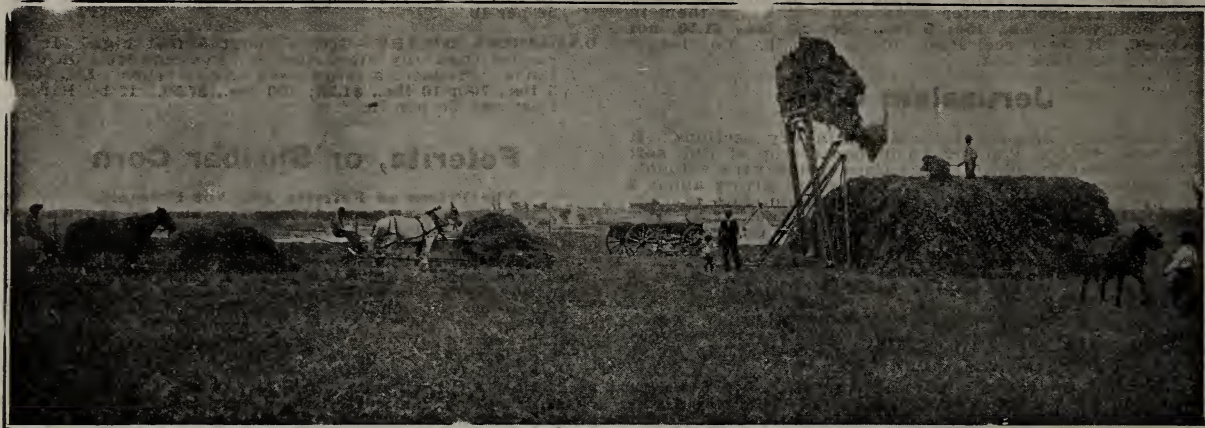
Entirely distinct from all other Milletts. It grows from 6 to 9 feet high, stands up remarkably well, and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. It may be sown broadcast at the rate of 15 pounds to the acre, but it is better to sow in drills 12 to 18 inches apart, using 10 to 12 pounds to the acre. It does best on low, moist ground. **Lb., 15c; 5 lbs., 70c; 10 lbs., \$1.00; 25 lbs., \$1.75, not postpaid.** For larger amounts, see Blue List.

## Common or Golden

(Often Sold by Seed Firms as German Millet.)

This particular kind of Millet is grown where early hay is desired. It is a very light yielder but produces hay of an excellent quality and, although an old standard, it always is of less value than the other varieties. Three-fourths of a bushel plants an acre. Our stock of this Millet is very fancy and was grown for us on non-irrigated land in Eastern Colorado. **Lb., 10c; 10 lbs., 70c; 25 lbs., \$1.50, not postpaid.** Larger amounts, see Blue List.





Alfalfa—The Supreme Leader of all Clovers

## ALFALFA

Alfalfa is the most valuable, as well as the most profitable forage and hay crop that the world has produced. It will furnish more green fodder, more pasture and more dry hay per acre than any other variety of grass or clover.

The growing of alfalfa for hay and forage dates back several hundred years B. C.

It was introduced in South America in the 16th century and in the United States in 1849.

Alfalfa has done more to increase farm values in Colorado, Utah and Wyoming than all other crops combined. It is the most profitable, nutritious and most producing forage crop known. It will grow in any state in the Union.

Alfalfa succeeds well in almost every situation, but the richer the soil, the better. After once a stand is obtained, it is very easily grown, bearing a heavy crop of forage. In the West it is the main crop for hay, averaging three to five crops each season, which, when fed to dairy cows, produces a fine flow of milk. Is equally as good for turkeys, and other stock. When it is ground into meal, it can be fed to hogs and chickens with favorable results. It is often sown with orchard grass and the mixture produces fine hay.

### Explanation of Grades

We are offering you our alfalfa seed this year in two grades, they are No. 1 and No. 2.

Grade No. 1 (Gold Seal) is our very best and is selected and graded for perfect seed of perfect color. When alfalfa starts to making seed it does not ripen evenly, but on the contrary, some of the first to start to seed becomes over ripe by the time the bulk of the seed is ripe and ready to harvest. Over ripe alfalfa seed turns brown and in appearance looks like dead seed. But this is not so, this brown seed does germinate and makes good stands.

Grade No. 2 (Fair) has some of this brown seed mixed in it that machinery cannot remove and on account of its off color we sell it cheaper and call it "No. 2."

We will gladly send you by mail samples and prices giving the germination test of any of the different grades we are offering.

### High Altitude Alfalfa

This is a special strain of mountain grown seed that is grown in our mountain valleys where alfalfa is put through a severe test of winter and the coldest weather. Most of the other varieties will winter kill, but this grade usually survives and produces good yields of hay during the summer.

The seed is usually very pure and of strong germination. This assures you a good stand the first year. As there is never a large quantity of seed grown in the mountains our supply is always short. So if you are interested in alfalfa seed for a mountainous country we advise you place your order early in the season. We highly recommend this seed.

Grade No. 1—Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75. For larger amounts, see Blue List, or write for Special Delivered prices.

Grade No. 2—Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25. For larger amounts, see Blue List, or write for Special Delivered prices.

Above prices are not postpaid. If by Parcel Post, add 5c per lb.

### Dry Land Alfalfa, Colorado Grown

Dry Land Alfalfa Seed is seed which has been produced from plants cultivated on arid lands without irrigation with a limited amount of rainfall and has more or less drought resisting ability.

The stupendous increase in our yearly sales on Dry Land Alfalfa stands as a convincing proof that this variety of seed is giving the desired results.

Grade No. 1—Lb., 40c; 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$6.75. Not postpaid. For larger amounts see Blue List, or write for Special Delivered prices.

Grade No. 2—Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25. For larger amounts, see Blue List, or write for Special Delivered prices.

### Northern Grown Alfalfa Seed

A great many planters lose their fields of alfalfa on account of what is known as "Winter-kill." This is usually due to the fact that they have planted Southern Grown Seed, which was produced from plants that never have withstood real cold weather. Hundreds of cars of alfalfa seed are produced in Texas, Arizona and Oklahoma. This seed does not do so well in our section as Northern Grown Seed.

Our seed was grown in the North where the winters are severe, being very cold and the ground exposed to the cold.

Grade No. 1—Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75. Not postpaid. For larger amounts, see Blue List, or write for Special Delivered prices.

Grade No. 2—Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25. Not postpaid. For larger amounts, see Blue List, or write for Special Delivered prices.

### Good Alfalfa Seeds, But Cheap

We have a quantity of off-color alfalfa seed that is of good germination, and will give good results. This seed we offer at reasonable prices. Let us send samples and prices.



**ALFALFA SEED—Continued****Turkestan Alfalfa**

A variety of alfalfa that should not be overlooked by Western planters.

True Turkestan Alfalfa is by far the most hardy alfalfa grown and does not winter kill. Our seed is from the north central part of Siberia, a country which is much colder than any part of the United States. The soil is sandy and the climate dry.

Turkestan Alfalfa was introduced by the United States Department of Agriculture in 1898.

Although its chief virtue lies in its ability to withstand severe cold winters, it has proved better than the ordinary alfalfa in hot dry regions.

The seed of Turkestan Alfalfa will germinate very quickly and the plants start growth early.

Another advantage is that the stems are more slender and less woody, the plants making more nutritious hay and of finer quality than other varieties.

Our Turkestan Alfalfa Seed is of the Siberian variety, which is so much harder than the variety that comes from Central Asia and Southern Russia, and we are glad to assure our customers that we will again have Genuine Turkestan Seed to offer them, as we are just in receipt of information that our seed is on the way over here. Prices: Lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.00. For larger amounts, see Blue List, or write for Special Delivered prices.

**Grimm Alfalfa****(CERTIFIED)**

A wonderful strain of extremely hardy alfalfa that has never been known to winter kill. The peculiar feature is in the growth of the roots; when the seed sprouts and starts forming the plant, it shoots the main root straight down for many feet, at the same time small tap roots or branches from the main root start shooting out just below the surface of the ground, forming a network around the parent plant. Now these small roots form little shoots that break through the earth making new crowns or plants. These new plants multiply the same as the parent bush. One can readily see the value of this wonderful strain of alfalfa, for in a short time it has formed an almost solid sod of plants. The hay produced is of the finest quality, being of thin stems and very leafy. There is nothing about the appearance of the seed of Grimm Alfalfa to enable one to tell it from the common varieties. So it is very important that you secure your seed from a reliable firm who knows the origin of the seed stock. Our Grimm Alfalfa seed is guaranteed true and we will furnish with each lot a pedigree or certificate.

Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00. For larger amounts, see Blue List, or write for Special prices.

Non-Certified Seed: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00. For larger amounts, see Blue List, or write for Special prices.

**WRITE TODAY  
FOR  
DELIVERED PRICES**

**Clover**

**FOR  
LARGE AMOUNTS  
GET  
SPECIAL PRICE**

Clover is one of the most useful of all hay crops for the farm or ranch, it produces the best of hay and in many cases it is used in mixture for pasture. Very desirable for meadow pastures. The varieties of clover that are offered by us are described below and you can choose from the following the kind you think will do best for your land. Remember, we offer only the one grade in each variety, that is the best, purest and cleanest seed obtainable.

**Clover Seed**

Clover is one kind of seed that the greatest care should be given in selecting, for there is no other seed that is as deceiving as the clover seed and unless you are careful from whom you buy, you are liable to start a lot of weeds in your farm lands.

The varieties of clover seed offered by us are all grown in this section and are seeds that will satisfy in the severest tests that could be given, both in germination and purity.

**Alsike Clover****Mountain Grown Seed**

This is undoubtedly the best high altitude clover for hay that could be recommended, and is planted extensively throughout the Rocky Mountain regions where alfalfa often winter kills. Although it is not a very heavy yielder, it produces hay of the highest quality. It bears a very thick growth of leaves and blossoms on thin stems, making it a valuable hay.

Alsike when grown alone will make a fair stand the first year, but the second and succeeding years the best results are obtained. A good many of our stockmen who raise hay for winter feeding have made it a practice to plant timothy with the alsike and in doing so they reap the finest and most nutritious hay ever fed in the Rockies.

The seed we offer is of the hardy variety. It was grown in the high altitudes of our mountains where the seasons are short. This makes it pure because the foul seeds that you so often find mixed with alsike cannot grow in these altitudes.

Alsike is not a new clover in this country for it has been grown with good success for the last ten years and, as before mentioned, it is used to take the place of alfalfa in the hills, where the extreme cold winters kill out the alfalfa. One ton of alsike contains more protein than one ton of alfalfa. Lb., 50c; 10 lbs., \$4.00; 25 lbs., \$9.00. If wanted by Parcel Post, add 5c per lb. For larger amounts, see Blue List, or write for Special Delivered prices.

**Medium Red Clover**

Red Clover can be seeded any time from April to October, at the rate of 15 pounds to the acre. It adds greatly to the fertility of the land, also very satisfactory when sown in orchards, as it helps to keep the ground free from weeds.

Makes a fine, and the earliest possible, spring pasture. For hay it should be cut just before coming into full bloom.

If you have a piece of dead land on your farm, don't overlook this highly recommended inoculator, for any ground, no matter how weak, can be strengthened so as to produce heavy yields, by first growing a crop of this clover. It will produce you two large crops, the first can be used for hay, the second can be turned under and the succeeding year, your ground will be ready to produce a heavy yield of anything you desire to plant.

It can also be planted with numerous grasses when hay or pasture is desired, for the hay produced from Red Clover is very nutritious and fattening.

The seed we are offering is very pure and free from all injurious weed seed. Price: Lb., 50c; 10 lbs., \$4.00; 25 lbs., \$8.00. For larger amounts, see Blue List, or write for Special Delivered prices.

**Mammoth Red Clover**

Especially adapted for poor ground and will produce more hay or forage than any clover in the same length of time, but only affords one cutting. It is used mostly for strengthening up run down farms, for which duty it is the best of all clovers, being of a very heavy foliage and a very rank grower. Our seed of this strain is of such a high germination test that 8 to 10 pounds to the acre will give an excellent stand.

**MAMMOTH RED CLOVER**—This is also a pasture clover and is especially valuable on light, sandy soil, supplying excellent grazing for stock. It also makes good hay if cut when young, but if left too long without cutting the stems become thick and woody. Mammoth Red Clover is very valuable for fertilizing purposes, for it restores fertility to depleted soils. The foliage, flower and stem are darker in color than the Medium Red Clover. For pasture this clover is hard to beat, being a vigorous grower. Price: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00. For larger amounts, see Blue List, or write for Special Delivered prices.

**White Clover**

A small, close-growing, useful clover of unusual dwarf habit, used extensively in the making of lawns. In fact, no lawn seems just right unless it has a sprinkling of this little white blossomed clover mixed through it. It is a rapid grower of spreading habits, and can be cut very close to the ground without injury to the plant, which, after cutting, will come back and start making another growth at once.

White Clover is often used in meadow mixtures and lowland pastures and when used in this manner should only be sown with short grasses such as English Blue, Kentucky Blue or Perennial Rye Grass.

When used in a mixture for lawns use two parts of White Clover to ten parts of Kentucky Blue Grass. For pastures use 10 to 12 pounds of White Clover mixed with 20 to 25 pounds of grass seed to the acre. This will give an excellent stand that will form a heavy sod that is almost impossible to tramp out. Lb., 75c; 5 lbs., \$3.75; 10 lbs., \$7.00. For larger amounts, see Blue List, or write for Special Delivered prices.



## Sweet Clover

### White Blossom

(Western Grown Seed)

Sweet Clover, or Bokhara Clover, as it is also called, is a hardy biennial plant, erect and branching in growth. It starts up very early in the Spring and its second year it reaches a height of from 5 to 12 feet.

It seems to grow in all climates and with little regard to the character of the soil. It is found growing in gravel pits, heavy clay soils and sometimes in almost pure sand. And when planted in ground containing alkali for one or two seasons, it leaves the soil fertile. Nor is it particular as to moisture. It stands more dry weather than alfalfa.

It sends its roots to a great depth. It is a legume like Red Clover and Cow Peas, and, like these plants, has the faculty of extracting nitrogen from the air and storing it up in the roots, thus fertilizing the soil for the use of succeeding crops.

It is a valuable forage crop; while some animals refuse it at first because of its peculiar taste and odor, they soon learn to like it and thrive on it. In food value it does not differ greatly from alfalfa. For hay it should be cut early and is handled in much the same way as alfalfa. A second cutting can usually be secured 40 to 60 days later, if not pastured. It is also used to some extent as an ensilage crop, put into the silo and fed successfully in this way.

#### UNHULLED SEED, HULLED SEED, SCARIFIED SEED

The seed of Sweet Clover as it comes from the plant is covered with a hull or husk. At one time it was thought that the seed with the hull on would not germinate until the second year. This is an error. And some authorities now contend that this hull insures a higher percentage of germination, as the hull holds the moisture and softens the hard shell which is a character of Sweet Clover Seed. This shell is often so hard and moist proof that it prevents the seed from germinating. To get a good stand of Sweet Clover either plant unhulled seed or scarified hulled seed. Scarified seed is seed from which the hull or husk has been taken and then run through a special machine which cuts this hard shell without injury to the seed, thus allowing the seed to absorb moisture, which insures germination. For Fall planting use unhulled seed, which holds the moisture around this hard shell and softens it. For late Spring planting use scarified seed.

When ordering please mention which kind of seed you desire.

Unhulled—Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.  
Hulled—Lb., 40c; 5 lbs., \$1.65; 10 lbs., \$3.25; 25 lbs., \$6.25.  
Scarified—Lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.70; 25 lbs., \$7.00.

**NOT PREPAID**—Purchaser paying express or freight charges. If by Parcel Post, add 5c per lb.; if 100 lbs. or more is wanted, see Blue List for price.

## Sweet Clover

### Yellow Blossom

(Biennial—Hulled)

This variety is similar to the White Blossom, and will grow on almost any kind of soil. It is more spreading in habit and does not grow as tall and large as the White Blossom, and for that reason makes a finer and more tender hay. Cattle prefer it to any of the other Sweet Clovers.

This variety of Yellow Blossom Sweet Clover should not be confused with the Yellow Blossom Annual. As the biennial is growing in favor with all who try it, and many prefer it to the White Blossom, especially in the high altitudes where it does much better than the White Blossom. It is ten days earlier than the White Blossom.

**Not prepaid**—Purchaser paying express or freight charges. If by Parcel Post, add 5c per lb. Lb., 40c; 5 lbs., \$1.65; 10 lbs., \$3.25; 25 lbs., \$6.25. Per 100 lbs. or more, see Blue List.

## Permanent Grass and Clover Mixture

**PERMANENT MIXTURES**—They contain all the best varieties of grasses and clovers and produce the best pasture that could be obtained. Write to us and let us suggest a mixture for your pasture or meadow. We can get up a special mixture. It will cost you nothing to get our suggestions, and our prices for mixtures are reasonable.

## Alsike Clover and Timothy Mixed

In cleaning Timothy for seed there is always a certain amount of mixed Clover and Timothy that is taken from the Timothy, it being impossible to separate the two by machinery. So we are offering you a mixed seed, consisting of about 25 per cent of Alsike Clover and about 75 per cent of Fancy Timothy seed. To those who are going to plant Timothy and Clover together, money can be saved by buying this seed, for it is much cheaper already mixed. An excellent stand can be secured by planting to 12 to 15 pounds of this mixture. Alsike and Timothy hay is much richer in feeding value than Timothy alone, for Alsike is one of the best Clovers for hay, being finer and more leafy than other sorts.

**Not prepaid; purchaser paying express or freight charges.** If by Parcel Post, add 5c per lb. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00. Per 100 lbs. or more, see Blue List.

On large amounts ask for samples and special prices. add 5c per lb.

## Mountain Meadow Mixture

Will do good in high altitudes, making a heavy, thick sod that withstands the severe colds. Can be sown in the fall or spring, using about 25 pounds to the acre. On account of its rapid growth, satisfaction is attained the first year, an excellent sort for mountain meadows and high lands. If allowed to grow, it will produce a fine crop of clean, nutritious, well-proportioned hay, which may be cut and cured for winter use and the field can be pastured without injury to the next year crop.

**Not prepaid; purchaser paying express or freight.** If by Parcel Post, add 5c per lb. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 25 lbs., \$7.00. Per 100 lbs. or more, see Blue List.

## Special Mixtures of Grasses and

**WE CAN ALSO MAKE UP SPECIAL MIXTURES FOR:**

Wet permanent meadows.  
Meadow lands that are neither too wet nor too dry.  
Meadows that are rather dry.  
Bottom land mixtures.  
Permanent pastures.  
Brush pasture mixture.

Write for special prices on the mixture you desire.

**These Prices on Clover Seed Are Not Prepaid. If Wanted**

by Parcels Post, Add 5c Per Pound for Postage.

Get Our Special Prices on

Larger Amounts.

**VICTORY OATS, See Page 8.**



# Grasses

## Orchard Grass

A valuable grass for pasture or hay land, on account of its earliness it is very well adapted for permanent pasture. When grown for hay, more than one crop can be obtained in one season, and when only one crop is cut the undergrowth is very heavy and gives splendid and rich pasture until late in the fall. It will stand drought and is hardy. It grows in tufts, and is therefore best sown with Red Clover or Alfalfa. It is well suited for shady places, such as orchards and groves. Grows on all kinds of land, but does best on deep, rich, sandy loam or clay soils. **Not prepaid; purchaser paying express or freight charges. If by Parcels Post, add 5c per lb. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$7.00. Per 100 lbs. or more, see Blue List.**



Orchard Grass

## Timothy

The most popular of all grasses that are used for hay purposes. It requires less in time and expense to secure a crop of Timothy than almost anything else you can plant. It is easy to sow; does not require much seed per acre; starts growing quick; easy to harvest, and above everything else, it is easy to sell Timothy hay.

Timothy is not a dry land grain but will do fairly good on any soil that can be irrigated, or that is naturally damp. And when planted on clay or heavy soil an extra heavy yield may be expected.

Timothy hay has a higher feeding value when it is cut early while still in bloom, or shortly afterward. The average yield of Timothy is two to three tons per acre. Only ten pounds of Gold Seal Timothy is required to plant an acre.

**GOLD SEAL TIMOTHY SEED** is seed that has been grown in valleys of the Rocky Mountain regions of the United States, and has been run through our large cleaning mills two or three times, or until it is almost perfect, solid seed, free from weeds and of high germination. No better seed could be offered by any seed dealer. **Not prepaid; purchaser paying express or freight. If by Parcels Post, add 5c per lb. Lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00; 25 lbs., \$4.50. Per 100 lbs. or more, see Blue List.**

## Western Wheat Grass

**WESTERN WHEAT GRASS**—This is the valuable plant that grows wild over our Western country and thrives so well in Colorado, Wyoming, New Mexico and North Dakota. It is the famous bunch grass of the Canadian Northwest; it is one of the best and is the surest hay grass for these sections. It produces large quantities of hay and makes excellent permanent pasture. It is like the wild buffalo grass, is the natural grass of the West and is particularly adapted to our prairie soils. It also does well on land impregnated with alkali. It withstands drought and the cold winters. As a mixture it does fine with Brome Grass; 15 lbs. of seed is usually sown to the acre, and if planted with Brome, 7½ lbs. to the acre. The seed being quite heavy, may be sown with any ordinary grain seeder. Plant 1 to 3 inches deep. **Prices: Lb., 40c; 10 lbs., \$3.00; 50 lbs., \$12.50; 100 lbs., \$23.00.**

## Brome Grass (Western Grown)

**Bromus Inermis, or Hungarian Brome Grass**—Stands excessive drought and extreme cold without injury. The grass that has made good in the dry sections of the West.



Brome Grass

**RESCUE GRASS**  
See Page 9.  
**SUDAN GRASS**  
See Page 9.

This extensively advertised grass was introduced from Russia. It is a vigorous, hardy perennial with strong creeping root stalks; smooth, upright, leafy stems, one to four feet high, and loose, open seed heads, four to eight inches long. In a few years it forms very tough sod, soon crowding out other grasses, clovers and weeds. Its remarkable drought resisting qualities have proved it to be the most valuable grass for dry regions where other grasses could hardly exist. It is thoroughly permanent and grows with wonderful rapidity, producing heavy crops and luxuriant pasture. Its value to the farmers of dry regions cannot be over-estimated. All kinds of stock eat it with relish and chemical analysis shows that it is richer in flesh-forming ingredients than Timothy. It starts to grow very early in the spring, before any of the grasses upon the native prairies show any signs of life, and remains green far into December. Cold will not kill it, it having been grown successfully as far north as Manitoba in Canada. Without doubt it is the grass for the dry regions of the West; also flourishes on wet lands. **Not prepaid; purchaser paying express or freight charges. If by Parcels Post, add 5c per lb. Lb., 45c; 5 lbs., \$2.20; 10 lbs., \$3.50; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.**

## Tall Meadow Oat Grass

The earliest of all grasses, either for pasture or hay growing, especially adapted to our western country, being one of the first grasses to show in the spring-time. It is very popular for its rapidity in growth, oftentimes reaching the height of 4 feet by June, and under fair conditions should furnish a second and sometimes a third cutting of good hay. When using for hay it should be cut during the blooming period. Is often planted with alfalfa and other clovers, which mixtures makes excellent hay. **Not prepaid; purchaser paying express or freight charges. If by Parcels Post, add 5c per lb. Lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.75; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.**

## Red Top

A valuable grass for moist soils and low land. It is a good permanent grass, standing our climate as well as any other, and consequently well suited for pastures, in which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On rich, moist soil it will grow 2 feet and on poor soil about half that height. **Not prepaid; purchaser paying express or freight charges. If by Parcels Post, add 5c per lb. Lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.75; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.**



## English or Perennial Rye Grass

For hay Meadow Fescue is a better grass but Rye Grass is very desirable for pasture or lawns. Like Kentucky Blue Grass, it forms a dense, even sod and grows so quickly that by its use a fine lawn may be had in six weeks from sowing. It makes a quicker, leafier growth than any other grass, succeeds in the shade as well as in the sun, and may be sown with good results in orchards or woodland pastures. Much used for fall and spring pasture. Sow in the spring or fall, at the rate of about 25 pounds per acre. **Not prepaid; purchaser paying express or freight charges.** If by Parcels Post, add 5c per lb. Lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.70; 25 lbs., \$6.50. Per 100 lbs. or more, see Blue List.

## Meadow Fescue

### Or English Blue Grass

One of the grasses most used in permanent or temporary meadows for mowing or for pasture. It succeeds best in cold, moist, light soils, in well-drained meadows and in low valleys rich in organic matter. It should not be grown at all on warm, dry land. It does not reach its full development till the second or third year, when it far exceeds most other sorts in the quantity produced and its nutritive matter. After being mown, it grows again very quickly. The forage, either green or dried, is very nourishing and much relished by cattle, especially when cut young.

It will produce a fine, green lawn where Kentucky Blue Grass fails, and many prefer it to any other grass for this purpose. It also makes a suitable pasture or meadow mixture with clover and other grasses. **Not prepaid; purchaser paying express or freight charges.** If by Parcels Post, add 5c per lb. Lb., 55c; 5 lbs., \$2.65; 10 lbs., \$5.00; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.

Ask for special delivered prices on large quantities of grass seeds.

# Lawn Grasses

These prices on Lawn Grass Seed are not postpaid. If wanted by Parcel Post, add 5c per lb.

Some people seem to think that it is a hard matter or impossible to get a nice lawn started, but we have always found it very easy, if you use good seed and pay attention to getting the ground prepared in good shape to start with.

**Preparation**—In the first place, you must, of course, have soil that is fairly rich. If it is real poor and thin, sandy, or sour heavy clay, you will have to add some good soil to it before you start. It must be worked up fine and mellow and be free from sticks, trash, clods and stones. You can't cultivate lawn grass after it is started, so you must do all your cultivation beforehand. When you get the ground nicely fixed, sow the seed broadcast at the rate of one pound to 150 square feet, and then rake it so it will be covered nicely. Of course, it must be kept moist until it gets well started. Grass is mighty tender stuff when it is young, and if it gets dried out down to the roots, it will kill out, but if you can keep it moist and growing until it is two or three weeks old, the chances are you will have no further trouble getting a nice lawn. Of course, the richer the soil the better chance you will have and the quicker you will get a good growth of grass. Rich soil, plenty of moisture and plenty of good seed will give you a fine lawn in a short time.

**Fertilizing**—Nothing will give a lawn the rich, deep green, velvety appearance so much admired like a liberal dressing of good fertilizer. Our fertilizers are specially prepared with that end in view and we can strongly recommend them. Prices on page 91.



A Lawn of Kentucky Blue Grass Grown from Our Seed.

## Kentucky Blue Grass

This makes the best, sweetest and most nutritious pasture for all stock. It is the first to start up in the Spring and remains green until snow flies in the Fall. It is very hardy and is uninjured by cold, hot sun or tramping of hoofs. The roots are so thick and stout that they form a tough sod. It is often sown in a mixture with other grasses. It will do well on almost any land.

It is by far the most beautiful grass for lawn purposes, and it is often planted in conjunction with White Clover. If sown by itself for meadow or pasture sow about 28 pounds to the acre. When planted for lawn, about 150 pounds to the acre, or 1 pound to every 150 square feet.

**Not prepaid; purchaser paying express or freight charges.** If by Parcels Post, add 5c per lb. Lb., 45c; 5 lbs., \$2.20; 10 lbs., \$4.25; 25 lbs., \$10.00. Per 100 lbs. or more, see Blue List.

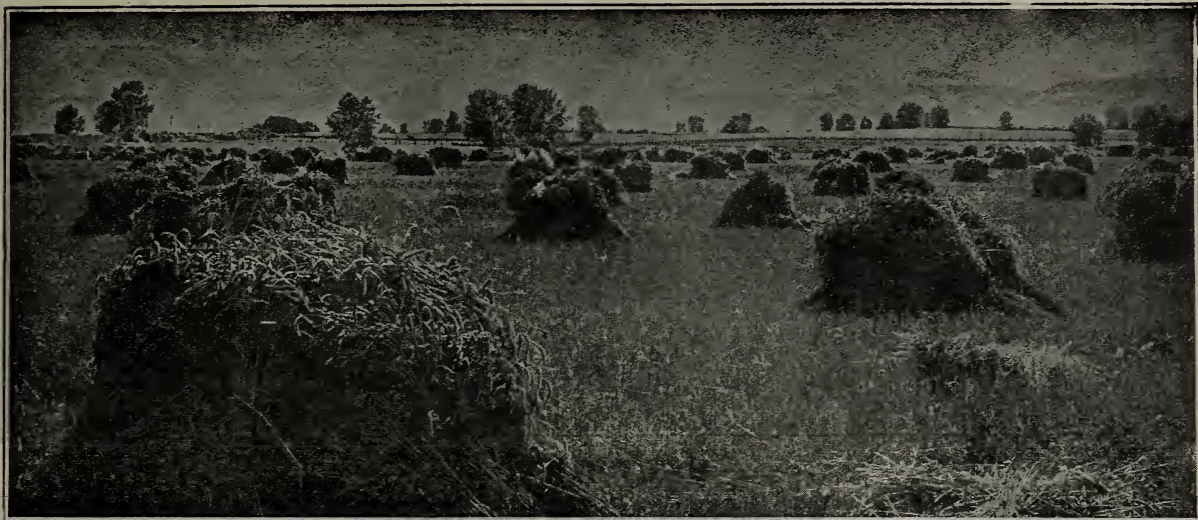
## Canada Blue Grass

Somewhat resembles Kentucky Blue Grass but does not grow as tall as Kentucky Blue Grass. It is grown very extensively in Canada and is especially adapted to our Western country. It will stand more drought and is more hardy than Kentucky Blue Grass; thrives on most all kinds of soils; succeeds even on poor soils. As it is a Canadian Grass it stands the cold, severe winter. It makes excellent lawns and pastures, but when planted for pasture is usually sown with other grasses. **Not prepaid; purchaser paying express or freight charges.** If by Parcels Post, add 5c per lb. Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.25; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.

## Emerald Lawn Mixture

An unrivaled mixture of the purest and cleanest seed. It contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable and lasting lawn. Our Emerald Lawn Grass germinates quick, roots deeply, withstands the extreme heat of the summer and the severe cold of winter, making a beautiful, rich, green lawn that lasts for years. There are many failures in getting a good lawn, and these failures are many times due to poor seed. No matter how much time you spend preparing the ground, watering and taking care of the seed bed, you will never get a good lawn unless you plant good seed that will grow. We guarantee our Emerald Lawn Mixture to produce a fine green lawn, and if it don't, your money will be returned. You will note our prices are reasonable, so why take a chance with seed that is not guaranteed—full directions with every package. **Not prepaid; purchaser paying express or freight charges.** If by Parcels Post, add 5c per lb. Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.25; 25 lbs., \$7.50. Per 100 lbs. or more, see Blue List.





Write for our delivered price on large amounts of wheat.

## WHEAT

Our wheat is pure. Write for samples.

Prices on Wheat are not postpaid. If by Parcel Post add 5c per lb.

### Marquis Wheat

**THE KING OF ALL SPRING WHEATS. REMARKABLY EARLY, EXCEEDINGLY PRODUCTIVE, UNEXCELLED IN MILLING QUALITY.** Pronounced by both Farmers and Millers the Finest Spring Wheat for the Western Territory. It is ten days earlier; produces 10 bushels more per acre; has a higher milling and baking quality than any other Spring Wheat known today.

Marquis Wheat is a spring wheat, it is somewhat similar to Red Fife but matures ten days earlier. The grain is a little more plump, of a darker red appearance, and beardless, having smooth yellow chaff. Marquis Wheat is short strawed which makes it less likely to lodge. In quality it leads them all; in numerous milling tests it has shown higher tests than other varieties, and this question of quality is a big thing to the wheat grower when it comes time to move his crop to the mills or elevators. And Marquis Wheat almost always will grade "No. 1 Hard."

In productiveness Marquis Wheat is again to be considered, for its yielding qualities are one of the wonderful merits of this new wheat, and on a fairly good piece of wheat land should produce anywhere from 45 to 60 bushels to the acre. This fact, together with the earliness, should be an inducement to our wheat growers to plant it this spring.

#### REMEMBER MARQUIS WHEAT IS:

1. A Spring Wheat.
2. An Early Wheat.
3. A Hard Wheat.
4. The highest grade of milling wheat.
5. Yields more than other varieties.
6. Has no beard.
7. Not apt to rust.
8. Grows on short straw.
9. Does not lodge.
10. Weighs 65 to 70 pounds to measured bushel.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00. Per 100 lbs., see Blue List.

Get special prices on large amounts.

### Defiance Wheat, Regenerated

Sometimes Called Million Dollar Wheat

The old standard variety of Spring Wheat planted extensively in the middle west as the main crop wheat. The Defiance is a perfect wheat with extraordinary heavy yielding qualities. The kernel is plump and, if harvested before being allowed to over-ripen, it never shells out of the hull. The stock is medium in height and makes excellent straw. It is not termed as a dry land wheat, but oftentimes good yields are reported from dry lands. Defiance is considered one of the best milling varieties grown.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

### Macaroni or Durum Wheat

In the field this wheat grows very strong and with surprising rapidity, so rapidly as to get ahead of the weeds, not only are the growing qualities in its favor but it is also a heavy yielder. Macaroni Wheat produces as good a yield of grain to the acre as most any other variety. It does not shell or bleach and is half proof to a certain extent, owing to the tightness of the hull. It is not a milling wheat, but is grown only where other varieties do not mature or thrive, or when feed is wanted. The straw makes excellent fodder and this wheat very seldom fails to produce grain, even on our dry farms, where it has won the favor of the dry farmers as a sure wheat crop. It has a very hard kernel and is known as a glue wheat.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

For larger amounts get our special delivered prices.

### Turkey Red Winter Wheat

A standard red bearded wheat with very strong straw. It is early, ripening before rust and insects appear. Average yield is 30 to 40 bushels to the acre. It is a bearded variety, kernels are large, red and hard and is in good demand by millers and most always grades number one. Prices will be supplied upon request throughout the summer.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

### Kanred Winter Wheat

THE SUPERIOR WINTER WHEAT

Kanred Wheat is the product of a single head of wheat selected in 1906 from a hard winter variety that had been introduced from Russia by the United States Department of Agriculture.

An early maturing wheat generally makes a bigger yield, as it escapes the hot winds and drouth, occasional rust and is generally harvested before the season for hail. On the whole, it can be said that as far as known, Kanred always ripens earlier than Turkey Red.

The ability of a variety of wheat to withstand winter killing is of first importance. Experiments so far conducted show that Kanred stands the winter better than Turkey and Kharkof.

Careful experiments by Agricultural Experiment Stations show that Kanred is markedly resistant to rust, that it is immune to certain kinds of black stem rust and has been injured much less than other varieties when orange leaf rust was prevalent.

One of the first things to be considered in selecting a new variety of wheat, is whether or not it yields as much or more than those generally known. Careful experiments, conducted over a period of eight years, have shown that the average production of Kanred has been 4.5 bushels per acre more than Turkey Red.

Kanred is adapted to all sections where hard winter wheats are generally grown.

Kanred is similar to Turkey Red and can easily become mixed. Should this happen, much of the advantage of growing Kanred may be lost. Our strain of Kanred originated at Hayes Experiment Station in Kansas, was brought to Colorado and grown in Weld County and certified to as pure Kanred by Mason E. Knapp, County Agent, and A. E. McClymond, Extension Agronomist of the State of Colorado. 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.25; 25 lbs., \$2.25. Larger amounts, see Blue List.





## SEED OATS

These Prices on Oats Are Not Postpaid, If Wanted by Parcel Post, add 5c per Pound.  
Write for Special Prices on Large Amounts.

The change of seed oats is just as important as the change of seed potatoes or seed corn and it will pay you to renew your seed oats by sowing our pure and improved strains of seed.

Bliss  
Side Oats



### Swedish Select Oats

While it is our desire to have as many of our customers as possible order a quantity of our Bliss Side Oats, we wish to state that the Swedish Select Oats have given such general satisfaction that we know many will stick to this favorite. It is an abundant yielder of heavy, fine grain. It is a vigorous grower and on rich soil is likely to lodge.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00. Per 100 lbs., see Blue List.

### New Market Oats

Very desirable oats to raise. It grows erect on large, stiff, nutritious stems, producing long heads. It is early maturing and very good yielder.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

### Kherson, or Mountain Oats

This fine early producing oat is known to the seedsmen as the only 60-day oat that is worth while talking about. And whenever tried it has proven to be the best oat for dry-land purposes. Not only does it bear a full head of beautiful yellow grain, but it produces a fine grade of straw. The straw is stiff and is not subject to rust, with thick broad leaves that extend nearly to the roots. This straw makes excellent fodder, being very nutritious and a good keeper. On account of the early productiveness and quick growing qualities of this oat, it will thrive and produce a crop before the extreme hot and dry weather sets in, using only the moisture of the spring rains and snows. Those who desire early feed or a dry-land oat should not overlook the Kherson. Our seed is mountain grown.

Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 100 lbs., see Blue List.

### Silver Mine Oats

This oat has a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels. The heads are very large in proportion to the stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk which seems to prevent lodging. The demand for this variety last season exhausted our supply and we suggest early orders to avoid disappointment.

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

### Bliss Side Oats

#### REGENERATED

The original stock of White Russian Oats was a capital oat and sprang immediately into great favor, but we have to offer a higher strain of Side Oats, and any one anticipating the planting of oats should not overlook ordering at least a few hundred pounds of this variety. The following description is by Mr. Bliss, the originator:

"The White Russian Side Oat is an old favorite with the Western farmers on account of its fine appearance, strong straw and uniformly good yields, as well as for the digestibility and food value.

"The percentage of meat to total weight is 72 per cent, which is about as large a percentage as any oat grown.

"The thin hull makes it more digestible than some of the thicker hulled oats.

"It is a late variety, maturing, however, at an altitude as high as 7,000 feet. It is also a desirable variety to use when cut for hay at altitudes where it will not ripen.

"Having tried out the White Russian Oat, comparing it with others, found it less injured by grasshoppers and hail than the wide branching kind, owing to the peculiar formation of the head—grain on one side of the stem.

"Having decided to make a specialty of this oat, I began to look about for some seed free from mixture, but could find none, so I got the best I could obtain and then secured about a half bushel of pure seed by stripping the grain from heads showing proper development. From this I started the Bliss Side Oat, which has proven very satisfactory.

"The heads contain from 90 to 150 grains and have, under favorable conditions, grown to a length of 2 feet.

"With this practically pedigreed seed our crop ripens uniformly and makes an attractive and altogether profitable crop.

E. R. BLISS."

**NOT PREPAID.**—Purchaser paying express or freight charges; if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

**Genuine Victory Oats**  
**See Novelties, Page 8.**



## Speltz (Spring Emmer)

BETTER THAN CORN FOR THE WEST

Prices Are Not Postpaid. If by Parcel Post, add 5c per lb. to Prices Given Below.

The wonderful merits of this grain have placed it at the top of the list, especially among the dry-land farmers.

As seen in the picture, it resembles barley and wheat, and is classed with them. It will make a crop under the most unfavorable soil and weather conditions, and is one of the first spring grains to ripen, being of very rapid growth. If it is feed that you desire, don't overlook Speltz, for all kinds of stock do well on it and you can harvest more Speltz from an acre than either oats, wheat or barley.

Each year we are having more calls for Speltz, and in almost every case where small quantities were sold for trial purposes, the growers are now planting on a large scale.

If you have never tried this grain, we urge that you give it a trial, and make it a good one, for it is a certain pleaser.

In planting Speltz you sow from 50 to 75 pounds to the acre, but on dry land 40 to 50 pounds are sufficient.

When ready to buy write us for special price; state the quantity wanted and we will gladly submit samples. **Not Prepaid—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Bald or Hulless Barley

This is one of the many forage plants that has met with success in our western country and is one of the best crops for green feed. Is very early and grows rapidly, which makes it a favorite where green feed is wanted. It can be used as cured hay, but should be cut or harvested when it is in the milk stage; if allowed to mature will make an excellent grain, which resembles wheat. It is not a milling variety, but when ground is an excellent feed for stock, which do well on it. It resists drought remarkably well. It will make a large crop of grain in dry seasons, even when wheat will fail. Yields well on poor lands and better on good land. It has no beard, shelling off its hulls the same as wheat. **Not Prepaid—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Hulless Blue Barley

While it has sufficient hull to hold it in the heads, these hulls are easily separated in threshing and shells out like wheat. It is very early, matures in 60 to 90 days, according to soil and locality. The grain is blue, resembling wheat in shape and exceedingly heavy, weighing 60 pounds to the bushel. It is often grown for hay, coming very early and providing rich feed. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. **Not Prepaid—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Oderbrucker Barley (Six Row)

Oderbrucker is a tall, heavy-strawed barley that stands up well and graceful. The heads are usually large and long and are completely filled out with very plump grain that is brighter and whiter than any other barley.

If you are going to plant a feed barley, naturally it is the feed that you are after, and of course you can get good results from any of the other varieties of barley you may choose, but if you choose this wonderful six-row, heavy yielding, bearded, feed barley you will harvest more grain than from any of the other varieties.

Our seed of Oderbrucker barley was grown from seed furnished by a careful and successful grower, who took great pains to keep the field clean and free from other grains and our large cleaning machines have graded this seed so that it is the best grade of barley ever offered by us. **Not Prepaid—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Beardless Barley, With Hull

(SUCCESS BARLEY)

A somewhat new grain and rapidly becoming a favorite in our western country among barley growers and feeders. The strong feature in favor of this barley is the freedom from the troublesome beard that appears on nearly all other barleys. This barley is particularly valuable to the hog growers who feed barley on account of its fattening qualities. It is much more agreeable to handle in threshing than other barleys, and a whole lot safer and better to feed on account of its being free from the beard, which often proves disastrous to the stock when feeding.

On account of the newness of this grain we were unable to locate a large amount of good seed stock, and we urge that you send in your orders and inquiries as early as possible. **Not Prepaid—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## California Feed Barley

We wish to particularly call attention of the stock growers to this wonderful grain, for the abundant yield of feed and the large amount of protein of this barley, renders its use valuable for stock and is highly esteemed by stock growers, regardless of the fact that it has a beard, for when desired for feeding the objection on account of the beard is overcome by cutting when the grain is in the dough, or if the grain is allowed to ripen it is advisable to grind before feeding, and when the grain is so treated the feeding value is increased 30 per cent.

**NOT PREPAID.—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Winter Rye (Fall)

A fast growing favorite for fall pastures, being very hardy and easily grown on almost any soil. It can be sown either for the grain or the fodder, or for both, it being very productive. It could also be turned under in

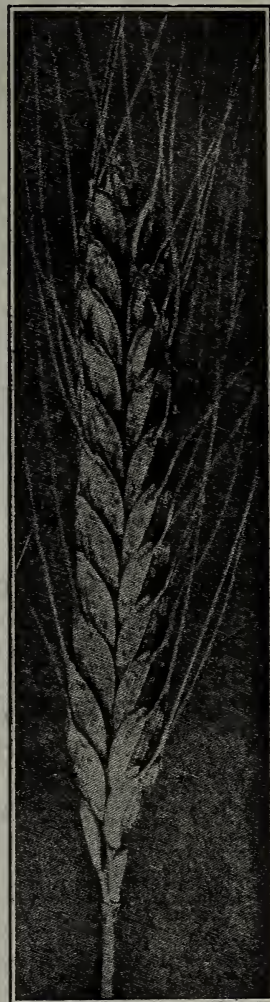
the spring when it is about 6 inches high and used for a soiler.

**NOT PREPAID.—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.

## Spring Rye, True Stock

Spring Rye is a sure crop and a heavy yielder. It should be sown the same time as other spring grains, and on account of its quick growing qualities it can be harvested early. Spring Rye is considered by many to be one of the best soilers in existence. Although Spring Rye does not grow as tall as the winter grade, it is deemed by many to be the best yielder and should not be overlooked when selecting seed for a dry strip or a place where other grain did not do well.

**NOT PREPAID.—Purchaser paying express or freight charges;** if wanted parcel post, add 5c per pound. Lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.50. Per 100 lbs., see Blue List.



Head of Speltz





**WESTERN GROWN CORN  
IS BEST TO PLANT**

## Field Corn

**SWEET CORN  
(See Page 42)**

### Cost of Corn

Did you ever figure out the cost of seed for an acre of corn? Surely you have, and you can't help but agree with us, that there is not a single item that has the small cost or expense attached to it as corn, when you consider the value of a good crop, both as a money maker and for use on the farm. Remember, it only takes 8 to 10 pounds of our high grade corn to plant a big acre.

### Field Corn

Growing corn in the West is a different game altogether than growing corn in the East. And the big secret of success in the West is the seed. You could select the finest piece of corn land in this country, fall plow, pulverize and level it, but if you put in Eastern seed all that you would obtain from it would be a fine crop of fodder with practically no corn. Now, here is the argument: Corn that matures in the East in 90 to 100 days would not mature in the West in 115 to 125 days. We all know that we have only 100 to 110 days to mature corn in this country. There has been many a good, conscientious corn grower discouraged to such an extent through this fine looking Eastern and Southern corn seed that it would be almost impossible to induce them to plant corn again. Now, it is just as easy to secure a good crop of corn in Colorado and adjoining country, as in any of our best corn states, but it is necessary to have the right variety of seed and seed that was matured in this country in 90 to 100 days. Our country is not considered a corn country for we never grow enough corn here to attract attention. But each year we are improving. Our growers are beginning to realize that the right kind of seed will produce the right kind of corn. When selecting seed corn always buy the best. Sometimes the price may seem high, but when you figure that one bushel of selected seed will plant 6 to 8 acres of land, the actual cost per acre will be small, and your chances on a full crop made better.

### Success of Corn on Dry Lands

Every year the West is having better success in growing corn on dry lands. By dry lands we mean lands that depend entirely on rainfall and snows for moisture. Even when we have what is known as a dry year, there has been good crops of corn taken from these lands.

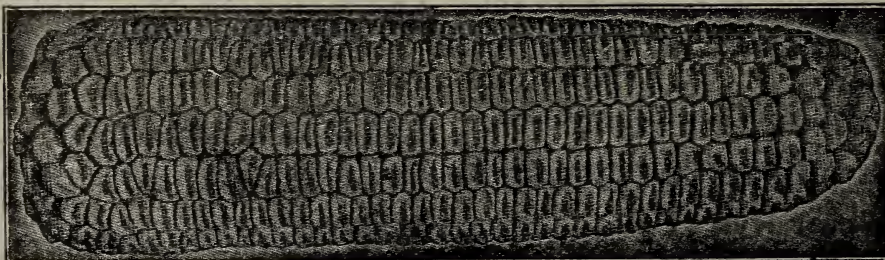
The scientific means of storing moisture away in the soil are improving each year, and every year the demand for our dry land seed corn is growing.

By "dry land" seed corn we mean corn that has been grown on dry land without irrigation. It is of very quick growth and can stand the drought longer than other varieties. Our stock was grown for us east of Denver, and is strictly "dry land seed."

### Corn on Irrigated Land

This is the day of \$200 to \$1,000 or better per acre for irrigated land. You can't afford to have a half crop of corn in your field, and you can't afford to hire help to work a half crop of corn, every acre must pay for \$200 or better investment. This is our argument, it costs just as much in time and labor to grow a poor crop as it does to grow a good full crop. By a full crop we mean a full field, one that produces a heavy yield of both corn and fodder, so that when you have your crop harvested, you are satisfied that your land has repaid you well for the time, expense and anxious days that you have put into the crop. Did you ever stop to figure that the results of your corn crop greatly depend upon the selection of your seeds, and that it is absolutely necessary to have good tested seed? Now, we know our seed, every grain of it, and we are trying to give you actual description of our different varieties.

Select the corn you think is best for your land and write for special prices and samples.





## Western White Dent

This variety is all the name suggests, an early, beautiful, white dent corn, averaging 16 rows to the ear. It is the largest early white dent corn grown and it ripens along with the Minnesota 13. It very much resembles the Iowa Silver Mine, but earlier. It usually outyields the Minnesota 13. The ears are almost perfect in shape and every stalk produces an ear and sometimes two. Our seed corn comes from seed stock that has been improved year after year and bred up to the highest standard. **Not prepaid; if wanted by Parcels Post, add 5c per pound; 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00 per 100 lbs. or more, see Blue List.**

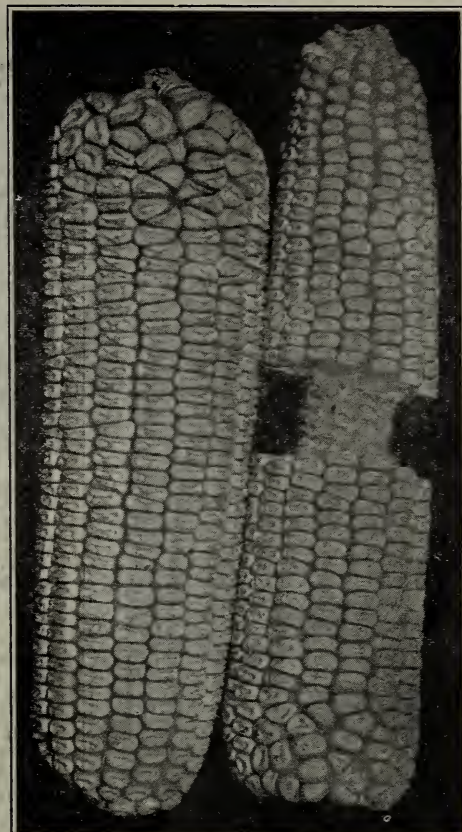
## Golden King

A few years ago while inspecting corn throughout the dry lands of Colorado we came upon this wonderful strain of Yellow corn and at once realized that we had found an improvement over the Swadley. We secured all that could be spared from this field and in turn divided it among some of our friends and customers to be tried out in different localities, to see if it would hold out against different climatic and soil conditions. The following season we visited one of these fields, it was a ten-acre strip in the dry land section belonging to T. C. Dawson of Morgan County. Mr. Dawson claims he secured 35 bushels of Golden King Corn to the acre, and the corn suffered an unusual dry season. Several of the other trials were equally as good, and now we are convinced and stand ready to recommend Golden King for either irrigated or dry lands. We are sure it will not fail to make corn. **Not Prepaid; if wanted by Parcels Post, add 5c per pound; 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**

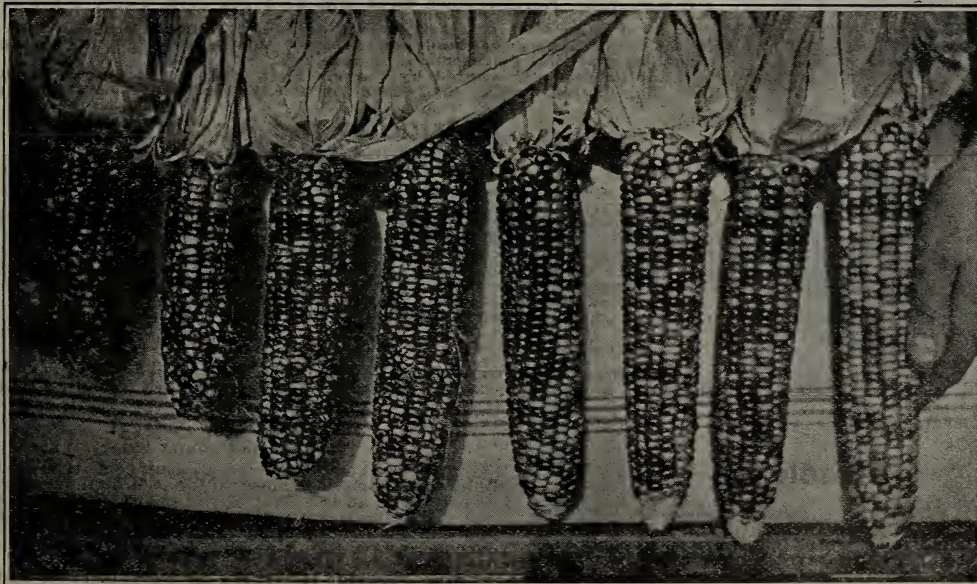
## Lewis White Dent

Originated and bred by Mr. J. H. Lewis of Douglas County, having been grown by him for many years. His aim being to develop a strain that would give plenty of fodder and mature in less than 90 days, that is what we have in Lewis White Dent. As seen in the photograph it possesses a deep grain on a small cob. The ears average eight to ten inches long, always two and quite frequently three to the stalk. The stalks are close-jointed and very leafy, growing five to six feet high. Mr. Lewis is a dry farmer and his corn never was irrigated. For this reason we feel safe in recommending Lewis White Dent for dry lands. And on account of its heavy foliage it is a very valuable insilage corn producing corn and fodder in abundance.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**



Lewis' White Dent



Rainbow Flint—8 Ears of Corn From One Hill

## Hartner's Rainbow Flint

A strictly Gold Seal product for the dry land corn growers of the West. The above photograph shows the wonderful yielding qualities of the corn. Besides being an abundant yielder of corn it also produces a large fodder crop. When fully matured the grains are highly colored, often one may find as many as ten different colored and odd marked grains to the ear, and sometimes two or three different colored ears to the stock. It is an

early maturing variety and a sure crop for dry lands. The ears are often one foot long and contain 12 to 14 rows of corn. The kernels are shallow and resemble the White Australian in shape. It is termed a flint variety, but is not as hard and flinty as other flint corn. The only objection is the color, but where corn is wanted for feed the color should not be considered. **Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**



## Minnesota No. 13, Yellow Dent

During the seven years we have been selling this corn we have convinced some of the most critical corn men in the West that Minnesota No. 13 is a leader where corn is wanted. If you have not already tried this corn order some at once. Be convinced that Minnesota No. 13 will fill your cribs.

### MINNESOTA NO. 13 (The Corn for Colorado)

We were the first firm to catalog and introduce this wonderful corn in Colorado and we claimed a whole lot for this corn but we did not claim half enough. We expected it would give satisfaction but we did not expect it would turn out to be the greatest corn that was ever grown in this section. Minnesota No. 13 fills your cribs.

Another point to which particular attention should be directed is its adaptability to changes in soil and climate. Many varieties fail to do well when subjected to new conditions, or require several years to become acclimated. Minnesota No. 13 Corn, however, will thrive and produce abundantly on most any soil and will do remarkably well under adverse conditions when other varieties would fail entirely. The stalks grow to the height of 7 feet and, being leafy, make excellent and nutritious fodder.

The ears are of handsome appearance bearing 16 to 20 rows of bright rich yellow, smooth, wedge-shaped kernels, packed closely on the cob from butt to tip. The ears average eight inches in length and are borne usually two on a stalk. No corn excels in quality the Minnesota No. 13, for cobs are well filled and the individual kernels plump and of good color.

Minnesota No. 13 thoroughly matures in ninety days when planted on favorable soil and in good location, but ninety-five to one hundred days places it out of danger under average conditions. A variety of corn which will show such valuable characteristics is an acquisition on any farm, especially for planting in this section, where early frosts are common.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**

## Northwestern Dent

### Write for Special Prices

One of the earliest varieties of corn known, is termed a 90-day variety. As a rule, early corns are not heavy yielders, the average yield to an acre being 15 to 25 bushels, but Northwestern Dent is not only an early corn but is a fair yielder and the seed we are offering is dry land grown.

It produces stalks 5 or 6 feet high, that contain a large number of ears to every hill and will mature in the shortest season of any dent or flint corn grown. This corn is neither white nor yellow but is more of a dark red color with a white cap, with 12 to 14 rows to the ear. The seed we are offering tested 95 per cent germination. To some the color is objectionable, but it must be taken into consideration that in most parts of Colorado, Wyoming and other dry land countries, where feed is wanted, that it is better to have red corn than no corn at all, and this variety can be relied upon to mature before any flint or early dent variety, and when the weather conditions are very poor, Northwestern Dent will give you corn where other sorts fail.

Those who wish an early corn for feed, to eliminate that early summer corn buying expense, should not overlook this early producer. Samples furnished and special prices made on request.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**

## Pride of the North

### (90-Day Yellow Dent)

This is an old stand-by of the Western planters, and can almost always be depended upon to produce good corn. In yield it will come up to almost any common variety of field corn. The stalks are well proportioned, being short jointed and leafy. Two or more good well-developed ears are frequently found on a single stalk. The kernels are very deep and closely set on the ear, being easy to shell. It produces more shelled corn in proportion to the cob than most other varieties grown in the West. The average height of the stalk is 8 feet, average distance base of ear from ground 3 feet. Pride of the North made a good corn in 1917 and you will remember there were 100 days between moisture when corn was just about 1 foot high.

Our Seed is Colorado grown, 1920 crop.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**

## Squaw Corn

### (Blue and White Flint)

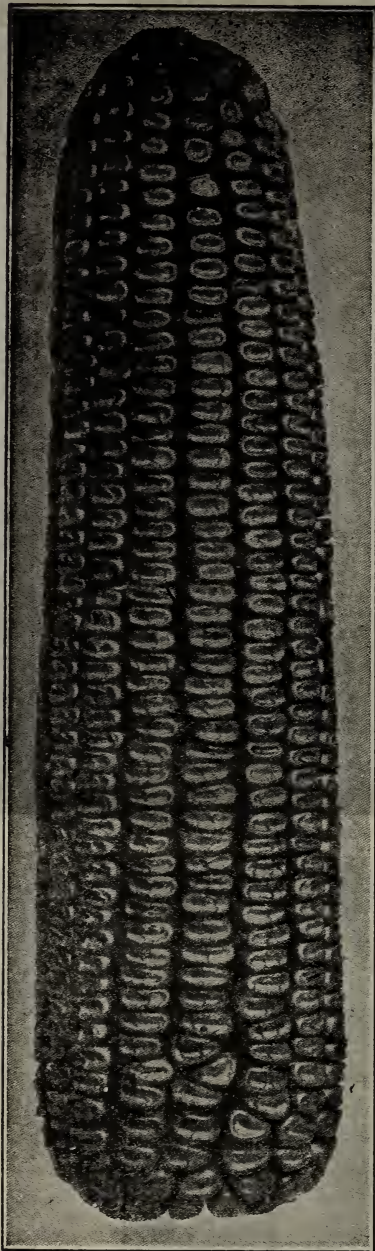
This is the old-fashioned flint corn that is too well known to demand a description. It will produce a crop where most of the dent varieties will fail and is really one of the most valuable corns to grow. It is early and you can be feeding new corn before other varieties are cured. Squaw is not a poor corn but is one of the best to plant on dry lands.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**

## Calico

This is an early variety of dent corn. It ripens in 95 days from planting, grows 6 feet high, with stocks that are very leafy. The kernels are a combination in color of red, white and yellow stripes. It is full of protein and very rich. Stock prefer it to other varieties.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**



Minnesota No. 13

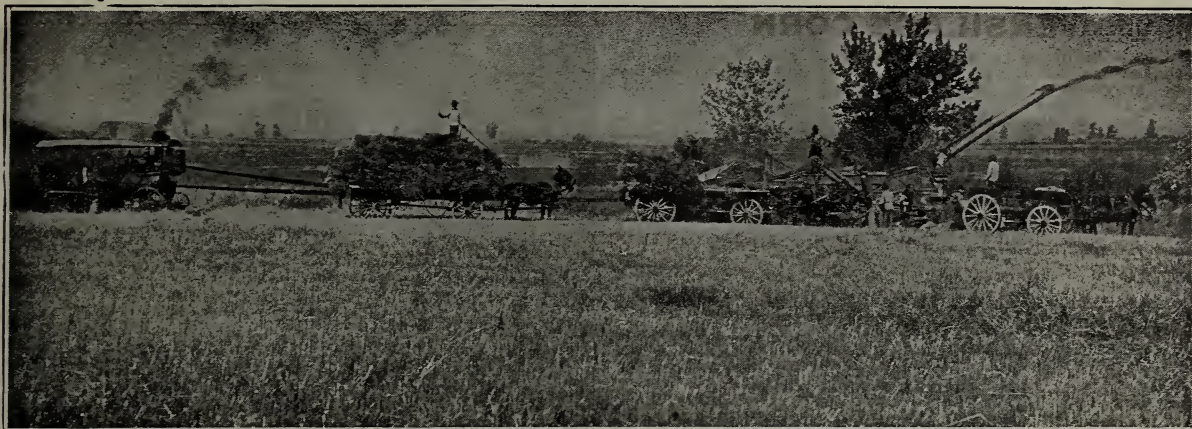
## Swadley

We regard this corn in some respects as the most valuable for this section. There are varieties that, under favorable conditions, will yield more grain, but year in and year out, through fat years and lean years, there is, we believe, no sort that will do so well.

It seems to possess a faculty of growing right along and making a crop under weather conditions that would ruin other varieties. Its ability to endure more heat and drought has no equal in the dent varieties. It will make a fine crop of corn in 90 days. In appearance the Swadley is remarkably distinct, being a half yellow dent. The kernels are broad and of a light color. The average height of stocks is 6 feet, and produces ears 7 to 9 inches in length, with 12 to 16 rows of grain.

**Not Prepaid; if wanted by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.**





## Colorado Yellow Dent

(Or IMPROVED COLORADO YELLOW DENT)

This is not a special variety or a fixed type of corn. That is, different lots of seed may develop different growths, different stocks and different ears. This is because there really is no such thing as Colorado Yellow Dent. It seems the original strain of Colorado Yellow Dent was the old Pride of the North, brought to Colorado years ago by the first people who attempted to grow corn here. And as the seed became acclimated to our conditions and passed from one farmer to the other, its name was lost. And for lack of another name it was called "Yellow Dent" or "Colorado Yellow Dent." Since that time there have been several other varieties of Yellow Dent corn brought into Colorado from the East and North, some farmers bringing them with them from their old homes in the East. They proved successful, but after growing here a number of years their names were lost and forgotten. Until now, whenever there is a Yellow Dent corn that does fairly well in these sections and the grower is unable to tell you the variety, they just call it "Yellow Dent." So there are at least five different kinds of Colorado Yellow Dent, and they are all good.

But the Yellow Dent we are offering is some we had especially grown for us and is exceptionally good variety for dry as well as irrigated lands. Matures when other varieties fail. Not post paid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; per 100 lbs. or more, see Blue List.

## Pop Corn

Prices Are Not Prepaid.

If wanted by mail add 5c per lb.

### SPANISH POP CORN

The largest pop corn under cultivation. Unlike other varieties the seed is round instead of rice shape, and in growth and habit resembles the common varieties of flint corn. But when popped it looks more like a large snow flake, often measuring 1½ inches across. This new variety is taking the place of the popular varieties, both for the family garden and a commercial way. Yields more ears to the stalk than any other kind. Pkt., 5c; 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25.

### WHITE RICE

A very popular sort with rice-shaped kernels. This is the old standard, having been used for years. It opens out white and clear. In a commercial way there is more of a demand for white rice than any other sort. Pkt., 5c; 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25.

### QUEEN'S GOLDEN

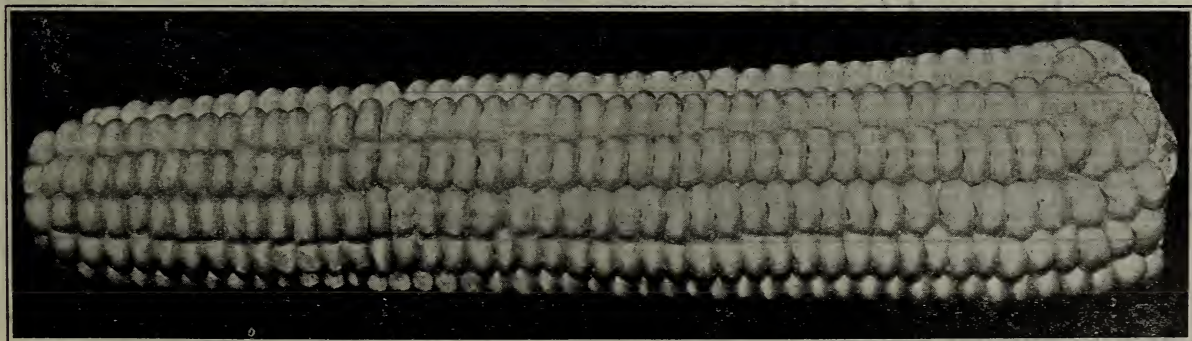
The seed is of a golden color and matures early; the yield is fairly heavy. An excellent variety for dry land. When popped it opens up large and white and its immense size makes it a favorite whenever tried. Pkt., 5c; 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25.

### BLACK BEAUTY POP CORN

The earliest pop corn grown. Matures and ripens off ready to pop before any other variety. Received its name from its peculiar color, which is a dark red or wine color. But when popped it is large, tender and snowy white. Pkt., 5c; ½ lb., 15c; 1 lb., 20c; 5 lbs., 80c.

### NEW TOM THUMB POP CORN

It is a dwarf growing variety, heavy yielder, of short, thick, attractive ears. The grains resemble the White Rice, but much larger and of excellent popping quality. Price: Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c. Postpaid. 5 lbs., \$1.10, not Postpaid.



O'Rourke's 12-Row White Australian (for Dry Land)

## WHITE AUSTRALIAN (O'Rourke's 12-Row, 90 Day)

We are offering this year a new strain of White Australian seed corn for dry farming, grown and selected by Mr. J. J. O'Rourke, twenty miles from Denver. Mr. O'Rourke claims it has taken him close to ten years of careful watching and grading to get this corn to where it is. But he said it sure paid him. He declares he never has had a failure with this corn; even in the driest seasons he claims this strain always produces some corn.

O'Rourke's 90-day, 12-row White Australian grows from 4 to 6 feet high and produces one to two long ears to the stalk. The ears often measure 12 inches long and contain 12 to 14 rows of good corn, but more often 12 rows. The corn is pure white and decidedly flinty, but makes excellent feed. Remember this is a sure crop corn. The ordinary strain of White Australian Corn is a very slender ear, having only 8 to 10 rows of grains on each ear. Not post paid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00. Per 100 lbs. or more, see Blue List.



## ENSILAGE CORN

The building of silos throughout the West has increased more during the past three years than during the previous ten years. This has resulted in a demand for silage.

Corn is the most profitable silage crop, but it is necessary that the proper varieties are grown. It must be of rank growth and plenty of foliage. It is also very essential that the corn is not of an extremely late variety as it is necessary that the ears are very nearly matured as the feeding value is not so great when fodder is green.

### CORN IS THE MOST PROFITABLE SILAGE CROP

The best silage is obtained when corn that is fairly well matured is used. Many feeders plant varieties that produce a good percentage of fairly matured ears in preference to the enormous growing varieties which fail to mature in this section. For the more ears produced the greater the fattening properties, so if planting for ears as well as fodder, plant further apart, giving it an opportunity to mature. But if tonnage is desired it should be planted thicker.

### HARVESTING

Corn intended for the silo should be allowed to remain in the field for a day or two, after harvesting, where it will lose a portion of the moisture.

If the leaves become dry, water may be applied as the corn passes through the silage cutter.

Corn that has been frosted and becomes partially dry in the field may also be treated in this manner, with water, and will make excellent silage.

## Eureka Ensilage Corn

### Good Points and Bad Points About This Wonderful Corn

It will produce more tons of fodder to the acre than any other variety, more leaves and broader leaves on the stock than any other variety. It will fill that silo quicker than any other variety; it will grow to an enormous size in Colorado; does especially well on heavy bottom land. But good, old, wise feeders here in the West don't think so much of it for this section because our season is a little too short for it. The fodder does not have time to ripen and when green fodder is put in a silo it gets sour. Besides, Eureka will not make any corn, and that is what counts in ensilage.

The stock we offer is genuine.

Not postpaid; if by Parcels Post, add 5c per pound. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.50; 25 lbs., 3.00. Per 100 lbs. or more, see Blue list.

## Iowa Silver Mine

Although more of this variety is grown throughout the middle states than any other white corn, we hardly recommend it as a sure cropper in sections where the season is short. For it requires 105 to 110 days to produce a crop of well matured ears of Iowa Silver Mine.

We do recommend it as one of the very best silo corns for this section, as it produces stalks eight feet high, with plenty of leaves. It never fails to produce nice large ears that are always well enough matured for ensilage purposes.

Not postpaid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00. Per 100 lbs. or more, see Blue list.

## Improved Leaming

It has been one of the leading varieties of corn for nearly 100 years. It was originated in Ohio by Mr. J. S. Leaming, early in the 19th century, and since that time it has been gradually brought west and acclimated to the different climates until now it produces very satisfactory corn crops to the farmers in Eastern Colorado. We sell tons of this seed to stockmen who are located near the mountains, for ensilage purposes.

Grows from 7 to 10 feet in height; the ears are uniform and of good size and set well up from the ground; cob is red and of a medium size and very productive. It produces a wonderful supply of fodder leaves, which



### Prepare Now to Fill Your Silo

make it so desirable for ensilage.

Not postpaid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00. Per 100 lbs. or more, see Blue list.

## Red Cob Ensilage

This variety is of a southern type of large white corn and an exceedingly heavy bearer of both grain and fodder where the season permits, but in the Western country, where we have the early frost, it is only planted for the silo. It bears good, strong stalks with short joints, which yield an enormous amount of fodder.

Not postpaid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00. Per 100 lbs. or more, see Blue list.

## Colorado Giant Fodder

As the name implies, it is a giant among corns. It not only grows tall, but the stalks are short-jointed and from many joints large, flat, long leaves extend, which assures one of plenty leafy ensilage. Colorado Giant Fodder Corn should not be planted for grain here in the West, for it does not quite mature well enough to produce good corn. It is an ensilage corn and when planted for this purpose it is a wonderful corn. It does not only produce an abundance of fodder, but it produces all the other ingredients that, when cut up in the silo, will make a well balanced feed, or silage, that contains more protein than can be secured from any ensilage plant or ensilage corn known. Colorado Giant Fodder Corn will always produce one or two large ears to the stalk that are well enough matured to give the silage enough corn to make it rich with fattening and milk-producing qualities, which are so necessary in the feeding of cattle. When properly cultivated and taken care of, it will grow ten to twelve feet high. And a single leaf will measure 2½ to 3½ feet long; and at the widest part will measure 8 to 10 inches across. This makes it a heavy yielder of fodder, and that is what you want when you have a silo or two to be filled. It surely is a fine ensilage corn for the West.

Not postpaid; if by Parcels Post, add 5c per pound. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00. Per 100 lbs. or more, see Blue list.

## WESTERN FLAX

This is a pure bred flax—a selection of many varieties. It out-yields all other sorts; it is wilt-resistant to a very considerable extent, and earlier than other varieties; especially adapted to dry lands.

Price: 1 lb., 30c; 5 lbs., \$1.25. Postpaid. On larger amounts write for special prices.

## BUCKWHEAT

Sow 1½ to 1 bushels per acre. Light, well-drained soils are best for this crop.

**JAPANESE BUCKWHEAT**—Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom and produces seed earlier. On this account it can be grown farther North. It resists drought and blight very well. As much as forty bushels to the acre have been harvested of this variety making it very profitable to raise.

Price: 1 lb., 20c; 5 lbs., 75c. Postpaid.

1 lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 50 lbs., \$4.50. Not postpaid. Larger amounts, see Blue List.

**SILVER HULL BUCKWHEAT**—This valuable variety originated abroad. It is early; remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color and has a thin husk.

Price: 1 lb., 20c; 5 lbs., 75c; 25 lbs., \$3.25. Postpaid. For large amounts, see Blue List.





Hogs Do Well on Field Peas, Rape or Artichokes

## FIELD PEAS

These Prices Are Not Postpaid. If Wanted by Parcel Post, add Postage, 5c per Pound.

No other grain crop, except perhaps oats, can be devoted to so great a variety of uses. The grain is possessed of a relatively high feeding value, and the same is true of the straw. As a pasture for certain kinds of livestock, peas may be made to serve an excellent purpose. The value of the crop for soiling and fodder uses are excelled only by clover. There is no kind of livestock on the farm to which peas cannot be fed to advantage.

They should be sown as early in the spring as the soil can be worked and make a very early and timely feed. We recommend sowing with oats, using two bushels of oats to two bushels of peas per acre. The peas should be sown first and plowed under to a depth of about 4 inches, then the oats are sown and harrowed in the usual way. For hay the crop is ready to cut early in June when the oats are in the milk and the peas in the dough.

### San Luis Valley Peas

This variety is also called Colorado Stock Peas, and has been grown for years in the San Luis Valley of Colorado. The stockgrowers in these regions found them valuable for fattening hogs and sheep. The custom was to allow the stock to graze on the pea fields eating the vines and seed. Pea fed pork is much sweeter and finer grained than corn fed. Recent years have seen a big demand for these peas as a food, and large quantities have been shipped to Eastern and foreign markets.

This is without a doubt the best stock pea to grow in the West. It produces a large quantity of vines, which make a fine hay, and the seed is very fattening for sheep, hogs, etc. When sown for seed as grain, about 80 pounds per acre, but for hay it may be sown as late as July, when 100 pounds per acre is usually sown. Lb., 15c; 5 lbs., 65c; 10 lbs., \$1.00; 25 lbs., \$2.25. Per 100 lbs. or more, see Blue List.

### Extra Early Blackeye or Dry Land Peas

This is a great addition to the list of dry land field seeds. Our seed is well acclimated to the high altitude, having been grown for the past six years about 40 miles east of Denver. It is very hardy and a wonderful cropper and can be sown from the 15th of April to the end of May. Will bear pods from 8 to 12 inches long, and is a most valuable variety. It does not run as much as the Large Blackeye Peas, but grows more in bush shape and holds the peas up well off the ground, and the pods are very thick-set on the vine. This variety is particularly valuable for Truckers and Market Gardeners who sow Blackeye Peas to sell green on the market. Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$3.50. Per 100 lbs. or more, see Blue List.

### Whip-poor-will Cow Peas

This pea is grown very extensively in the northern and middle part of the United States and is very valuable as a fodder and fertilizing crop. The seeds are larger than the regular stock peas and are a spotted brown color. Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$3.50. Per 100 lbs. or more, see Blue List.

### Canada Field Peas

Are one of the very best soiling crops for the North. They are sometimes grown alone, but the most satisfactory dairy results come from sowing with oats, rye or barley. They make good ensilage, and an admirable food either green or dry for cattle. They are quite hardy and may be sown early in the spring, and will be ready to cut in May or June. Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75. Per 100 lbs. or more, see Blue List.

## PEANUTS

Can be successfully grown in almost any place where corn succeeds. The vines are valuable feed for horses, cattle and sheep. One acre will produce from one to two tons of vines. The nuts are relished by nearly everyone and contain a large percentage of nutriment. Peanuts do best on a light, sandy soil.

### IMPROVED LARGE VIRGINIA PEANUT

A very profitable variety to grow, and is easily cultivated. Very erect, having the largest pods and kernels, with fewer imperfect pods than any variety. The vines make valuable forage for stock. By mail, postpaid, large pkt., 10c; 1 lb., 30c. Not postpaid, 5 lbs., \$1.00; 10 lbs., \$1.75.

### SPANISH PEANUT

The earliest variety grown. Pods are small, remarkably solid, well filled, and of an extra fine quality. Yield per acre very large. Large pkt., 10c; 1 lb., 30c. Postpaid, 5 lbs., \$1.00; 10 lbs., \$1.75. Not Postpaid.



## Jerusalem, or Potato Artichokes

Artichokes make an enormous crop of nutritious feed for hogs and all kinds of cattle. They will yield, ordinarily, twice as much as potatoes on the same land. Should be planted and cultivated the same as potatoes, although, where desired, hogs can be turned on them about two weeks after the blossoms fall, and allowed to feed on the roots throughout the winter, except when the ground is frozen.

Artichokes are almost entirely hardy and it is best not to dig them until ready to feed. They will stay in perfect condition in the ground until spring. Of course, as they cannot be dug during freezing weather in the winter, it is sometimes desirable to dig a sufficient quantity so as to have a supply of feed during the severe spells of winter weather. Otherwise it is much better to allow them to remain in the ground until ready for use.

Artichokes can be planted any time in April, the earlier the better. Plant in rows four feet apart, dropping the artichokes 12 to 15 inches apart in the row. It requires 200 lbs. to plant an acre. **Lb., 10c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$4.00.**

If by Parcel Post, 5c per lb., extra.

## Australian Salt Bush

A plant of low spreading growth, sending out runners 8 feet long in all directions, covering the ground with foliage one foot deep. A valuable forage plant for regions subject to drought, and flourishing on alkali soils. Sow one pound of seed to the acre, which requires a little moisture to start. **Oz., 15c; lb., \$1.00. Postpaid.**

## DWARF ESSEX RAPE

A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south. In a few weeks from the time of sowing hogs or cattle can be turned on it. Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry 12 to 15 sheep six weeks to two months. When on the Rape they should at all times have access to salt. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast, use 5 to 6 pounds, and if in drills, 2 to 3 pounds to the acre. **Not prepaid; purchaser paying express or freight or express charges; if by Parcels Post, add 5c per pound. 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75. Per 100 lbs. or more, see Blue list.**

## Spring Vetch

Known also as Tares, English Winter Vetch, Oregon Winter Vetch or Common Vetch. Used for the same purpose as the Sand Vetch but must be planted in the Spring wherever the Winters are severe, as this variety is not so hardy as Hairy Vetch. It succeeds wherever Canada Field Peas thrive. If sown alone, use 60 lbs. of Vetch per acre and if with Oats, 60 lbs. of Vetch, and 40 lbs. of Oats are usually seeded.

**Not prepaid; purchaser paying express or freight charges; if by Parcels Post, add 5c per pound. 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$1.50; 25 lbs., \$3.50. Per 100 lbs. or more, see Blue list.**

## Sand, or Hairy Vetch

This is a very valuable forage plant and is rapidly becoming more popular each year as the farmers are learning more of its great value.

It belongs to the pea family, but the vines are much longer and the foliage more abundant.

The first crop of green fodder can be cut as early as July. The second growth becomes taller than the first and when ready for hay should be left until some seed has become formed.

It will grow on light poor land.

It will stand extreme drought and heat.

It will grow in almost any climate.

It will produce from 12 to 20 tons of green fodder.

It makes excellent crops of hay.

It improves the soil, being a nitrogen gatherer, and when turned under is an excellent fertilizer.

Winter Vetch is a mighty fine crop to sow in the fall just as soon as the crops have been harvested and on up to November first. Vetch, being a leguminous plant like alfalfa and peas, gathers nitrogen from the air and stores it in the roots, thereby adding plant food for other plants that take all of their food from the soil. Thus, during the idle months this crop is slowly but surely enriching the soil at no trouble or expense to the owner. The soil is kept in better condition for spring planting and is freer from weeds. If the winter and fall season has been inclined to be warm and open a good growth will have been obtained and there will be a big quantity of vegetation to plow under in the spring. This green manure supplies moisture as well as food to the spring crop and many times gives it a start that puts it thru the dry season. If a good inoculation is applied to vetch seed the yield is increased.

**Not prepaid; purchaser paying freight or express charges; if by Parcels Post, add 5c per pound. 1 lb., 30c; 5 lbs., \$1.45; 10 lbs., \$2.75. Per 100 lbs. or more, see Blue List.**

Get special prices on large quantities.

## Sunflower

**MAMMOTH RUSSIAN.** Sunflowers have so much value for silage that we feel it is our duty to recommend them. A few years ago this fact was proven by experiments but now they are looked upon as a regular farm crop. In the high valleys of Colorado and on the elevated plateaus of Montana and Wyoming, where the seasons are too short and cold for corn to be a profitable silage crop, sunflowers easily reach the proper stage of development for good silage. On many of the dry lands of Eastern Colorado, sunflowers produce a larger tonnage than corn. The Reclamation Experiment Farm, Scottsbluff, Nebraska, in 1917 secured 22.93 tons sunflower silage per acre, while their highest yield of corn silage was 16.90 tons. On dry land, sunflowers have yielded 8.5 tons per acre.

Sunflower silage is palatable and is relished by cattle and sheep. Feeders say stock will eat it as readily as they do corn silage and the feeding value and milk producing qualities are but little lower than corn. Sunflowers do best on fertile soil, rich in humus. On dry land this condition may be obtained by rotating after sweet clover. They may be sown earlier than corn. Light frosts after the plants are up do not hurt them. They have been sown as late as July 15th and the silage obtained has been quite satisfactory, both from point of yield and quality. Sow in rows same as corn, from three to four inches apart in drills.

**Not prepaid; purchaser paying freight or express charges; if by Parcels Post, add 5c per pound. 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80. 100 lbs. or more, see Blue List.**

**HOGS KEEP FAT  
ON BEAN VINES**

# Beans

## Field or Stock Beans

**Not Postpaid; if by Parcels Post, add 5c per pound.**

**For large amounts write for special price.**

## Soja, or Soy Bean

**Don't Plant Late Variety**

A valuable forage plant, little affected by heat and drought. Is one of the most nutritious of all vegetable products. It will produce from 20 to 30 bushels to an acre. For pasturing or feeding as green fodder it is very valuable; also a good fertilizer. **Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.50 25 lbs., \$3.00. Per 100 lbs. or more, see Blue list.**

## Hollybrook Early Sojas

Makes a quicker growth and matures their crop two weeks earlier than the Mammoth Yellow Soja. It makes a large yield, both of forage and peas, and the added advantage of its earliness makes it a most distinct and valuable acquisition. Sown as a forage or hay crop, it is much easier to cure and handle, and makes even a more nutritious crop than cow-peas. **Lb., 20c; 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.00. Per 100 lbs. or more, see Blue list.**

**FOR EARLY GREEN  
FODDER PLANT FIELD  
BEANS**

## Ito San Sojas

A very satisfactory variety to grow in a short season. Produces seeds fairly well, and matures in 95 to 100 days. Branches well, so as to be very satisfactorily mown. The plants are of medium size, averaging 25 to 30 inches in height. Will mature as far north as Wisconsin and Michigan. **1 lb., 20c; 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.00. Per 100 lbs. or more, see Blue list.**





OUR BEANS  
ARE  
HAND PICKED

## Beans

### Dry or Commercial

Not Postpaid; if by Parcels Post, add 5c per pound.  
For large amounts write for special price.

ALL ORDERS GIVEN  
PERSONAL ATTENTION  
LARGE OR SMALL

### Pinto Beans MEXICAN

(The Leading Commercial Bean of the West)

On account of the wonderful yielding qualities and ready sales of this bean, many of our farmers having irrigated lands have become bean growers, and have secured as high as 2,500 pounds of Pintos from one acre of land. Now, this is an unusually heavy yield, but it has been done on the irrigated lands. Of course, on dry land the yield is less than 2,500 pounds, but we have had reports of 1,000 to 1,100 pounds to the acre on dry land. But the average yield on dry land without any irrigation is 700 to 900 pounds to the acre.

The Pinto Bean can be grown with very little cost of production, as it does not require much attention after the blossoms begin to set.

Our seed stock is hand-picked from cars purchased by us from dry land growers of Colorado. It would be impossible for you to obtain better seed stock than we have to offer. And, remember, after your beans are harvested let us hear from you, for we are large buyers of Pinto Beans.

**Not Prepaid—Purchaser paying express or freight charges; if wanted Parcels Post, add 5c per pound.** Lb., 15c; 5 lbs., 55c; 10 lbs., \$1.00; 25 lbs., \$2.00. Per 100 lbs., see Blue List.

Send for samples and special delivered prices on large amounts.

### Broad Windsor Beans

These beans are hardy and can be treated in about the same manner as peas. They should be planted in rows from twelve to eighteen inches apart, allowing eight inches between plants. Broad Windsor Beans are very much in favor in Europe, where they are cooked while green; but also the dried beans are much used in the kitchen. Even the pods, while quite young, are eaten. The beans have an agreeable flavor and are of high nutritive value, and being of comparatively easy culture, they deserve much more attention in countries where they are little known at present. The flour of this bean is extensively used mixed with wheat flour for fine bakery, and for this purpose the bean is cultivated in some countries on a large scale.

**Not Prepaid—(Hand Picked)—Purchaser paying express or freight; if by Parcels Post, add 5c per pound.** Lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.25; 25 lbs., \$5.00. Per 100 lbs., or more, see Blue List.

### Red Kidney Beans

Before long this bean, like the Mexican, will be very extensively grown in our Western country, as experiments have shown that it will produce enormous crops of first-class beans without a great deal of care. It is a surer cropper and larger yielder than the Navy.

As a commercial bean, it is hardly necessary that a description be furnished for it is familiar to most every one, and a staple article at all grocers.

The seed we have to offer is some that was produced in Colorado and is acclimated to Western climatic conditions. Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.00. Per 100 lbs., or more, see Blue List.

### Navy or Pea Beans

The best known white bean in the world. More Navy Beans are consumed than all other varieties combined. They always command a higher price than the other varieties, except limas.

They produce almost as much as Pinto Beans, and are a sure crop under ordinary conditions. They make good yields on dry lands, and large yields when grown under irrigation.

**Not Prepaid—(Hand Picked)—Purchaser paying express or freight; if by Parcels Post, add 5c per pound.** Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75. Per 100 lbs., or more, see Blue List.

### Tepary Bean

This new dry-land bean originated among the Indians of Arizona and is recommended as a fine sort for dry lands by the Arizona State Experimental Station, and is described by them as being very similar to the Navy except in size, the Tepary being a trifle smaller.

**Not Prepaid—(Hand Picked)—Purchaser paying express or freight; if by Parcels Post, add 5c per pound.** Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75. Per 100 lbs., or more, see Blue List.

### White Kidney

As the name implies, they are similar in shape and quality to the Red Kidney, except in color. They are pure white and not quite as flat as the Red Kidney.

They will out-yield the Pinto Beans on dry land. Are preferred by many to the Red Kidney and usually command a higher price than the Red Kidney Bean. They are very fine when cooked or baked.

**Not Prepaid—(Hand Picked)—Purchaser paying express or freight; if by Parcels Post, add 5c per pound.** Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75. Per 100 lbs., or more, see Blue List.

### Large White Marrowfat

(White Mexican)

A large white bean similar to the Navy in appearance and growth, but larger in size. A heavy yielder and an excellent eating bean for it possesses the true marrowfat flavor. On dry land it has proven itself to be an excellent producer, and has come through the long dry spells of midsummer in fine shape. In raising beans to be dried for your own winter use or for the market we think that the marrowfat will give you the most satisfaction for either irrigated or dry land.

Our seed of this stock is hand-picked and selected from a dry land crop, and we are sure you will be well satisfied with the results.

**Not Prepaid—(Hand Picked)—Purchaser paying express or freight charges; if wanted Parcels Post, add 5c per pound.** Lb., 15c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$2.25. Per 100 lbs., or more, see Blue List.

### Red Mexican

A well-known bean throughout certain sections, but not very well known around here. This is a wonderful bean with exceptionally fine eating qualities. They are excellent canners and richly flavored. Several of our bean growers have tried this variety here in the West and all have been successful in securing a crop.

Red Mexican Beans are the finest flavored bean grown.

**Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.00. Per 100 lbs., or more, see Blue List.**



# Vegetable Seeds

## OUR MOTTO:

**Give the Grower the Best there is and the Best will come back to You.**

## We Will Buy Your Crop.

We are the largest shippers of cabbage and other vegetables in Colorado, and know every strain of vegetable perfectly and are always glad to give any information in regard to the varieties that sell best. There are many grades of cabbage and other vegetables that cannot stand long shipment. Market Gardeners should always see us before deciding on their crop.

This illustration is one of our loading stations. The past season we bought and shipped over 1,000 carloads of vegetables, and we make it a point when buying to give produce grown from our seed the preference. In this way we are able to judge the kind of crops that are grown from our seeds, therefore you can readily understand why we are so desirous of selling the very best, for if we sell poor seed, the crop we will have offered us will be an inferior grade. Thus it is to our interest to sell only the very finest seeds, for in return, at shipping season, we are able to offer our trade fancy vegetables at higher prices.



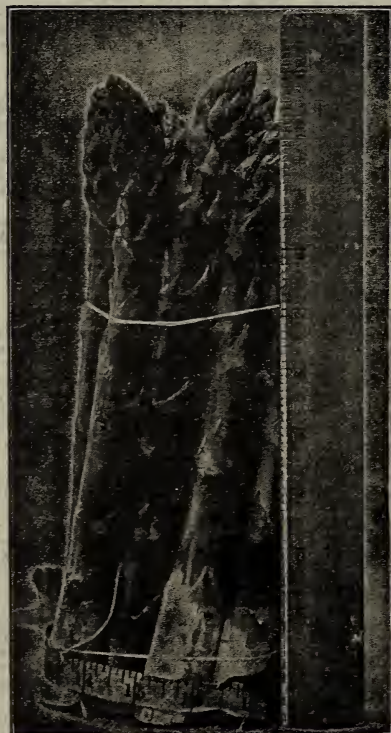
Partial View of One of Our Loading Platforms, Where Hundreds of Cars of Vegetables are Bought and Shipped by Us Each Year.

## Artichokes

**CULTURE**—In February or March sow and transplant in hotbeds so as to give plenty of room until the danger of frost is over. Then set in very rich, well drained soil in rows four feet apart and two feet apart in the row. The plants can be raised in seed beds out of doors, but in that case will not be likely to produce heads the first year. Jerusalem Artichokes should be planted and cultivated like potatoes.

**GREEN GLOBE ARTICHOKE**—Are cultivated for their flower-heads, which are cooked like asparagus. Plants set in any good soil, with light covering in winter, will remain in bearing several years. Cultivation limited in this section. Pkt., 10c; oz., 40c; 1 lb., \$4.00.

**JERUSALEM OR POTATO ARTICHOKE**—A dandy hog feed, heavy bearer—see description and price Page 26.



**For  
Quick  
Results  
Plant  
Two  
Year  
Old  
Asparagus  
Roots,  
See  
Page  
67**

Giant Argenteuill

## Asparagus Seed

**ASPARAGUS CULTURE**—Plow your plot deep, then loosen up your soil, making a perfect seed bed. Sow your seeds thick in rows 20 to 24 inches apart. Use plenty of water, for the seed has a hard hull that can only be softened with moisture. After the plants start growing you must not cultivate, as this will injure the roots, and these roots are needed to produce the wholesome, crisp asparagus that is served on your table. (The roots are what you grow from the seed). The following spring the roots must be dug, separated and transplanted in the field, or garden, where you intend to raise your asparagus each following year. As the roots get older and larger the asparagus comes thicker and better. If you do not care to wait and raise your own roots we can supply you with one or two-year-old roots of any variety listed.

**GIANT ARGENTEUIL**—This early variety was first imported and sold on this market by us. Its superior qualities over the old varieties has placed it ahead of all others. Dark green in color, large shoots, far more productive than the old sorts, which makes it the preferred asparagus on all markets. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c; Postpaid.

**PALMETTO**—This has been the most popular variety for general gardening purposes. Matures early, very prolific, producing an abundance of deep green shoots. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c; Postpaid.

**CONOVER'S COLOSSAL**—A green sort, shoots of large and good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c; Postpaid.

**COLUMBIAN MAMMOTH WHITE**—A large thick variety, clear white until about four inches above the surface. While some markets prefer the white, we do not recommend this variety for the Denver market. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c; Postpaid.

## Asparagus Roots, See Page 67

**GOLD SEAL SEED IS THE FOUNDATION OF MANY A WELL BUILT FARM.**

Years of experience and schooling in the produce and seed business has earned for us the distinction of being the best authority in Colorado on the varieties of vegetables for the Market Gardener to plant. We know what the trade demands.



## Garden Beans

There is hardly a vegetable that contributes to the table as liberally as the snap bean. It is easy to grow and a heavy producer. Beans should be planted at intervals so that one may always have a fresh patch to depend upon. There are two classes of beans. One is the climbing or pole bean, the other makes a dwarf bush. Often times you will find the pole bean being used as an ornamental vine, for it produces heavy foliage and will completely cover any fence or trellis.

The bush bean is more of a gardeners' sort, for it needs no stick or trellis. It very seldom reaches over two feet in height, which makes it easier to cultivate and handle.

**CULTURE**—For the best crops, beans require good, rich soil and frequent hoeing. The young plants are very tender and can not withstand even slight frosts. The seed should not be planted until the soil has become well warmed and all danger of frost is over. Spade or plow deeply and plant in rows two feet apart, scattering the seed about three inches apart in the row, and cover two inches deep. Hoe frequently, but never when the foliage is damp from dew or rain. Hoeing should be done shallow so that the roots are not injured.

**PRICES ON THE FOLLOWING GREEN PODDED**—Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5 cents per pound less.

## Green Poddied Varieties

**EXTRA EARLY REFUGEE**—A very early round podded sort, having medium sized, fleshy pods. Vines small and very productive; for early planting this is one of the best sorts.

**BURPEE'S STRINGLESS**—This is the earliest of all the round green podded sorts. The plants are quite productive, pods being handsome long and perfectly round and straight and of a light green color. This is also a good bean for late planting, as it stands the early frosts of the fall.

**FULL MEASURE BEANS**—This bean is very similar to the Longfellow. Pods are long and straight, quite stringless and of dark green foliage.

**GIANT STRINGLESS GREEN POD**—Exceedingly productive and very hardy. Matures a few days earlier than the Burpee's Stringless, but is slightly longer and more nearly straight.

**SHIPPERS' GREEN POD**—This is the bean planted so extensively by our market gardeners, as it produces a large crop of pods which find a ready sale to the shippers at an advanced price. It is an excellent keeper; better than the Burpee's Stringless or Refugee. The pods are long and straight and of a dark green color. When the pods are young they are absolutely stringless, very tender, and of highest flavor—even excelling the old standard, Burpee's Stringless.

**VALENTINE**—This is an old, well known variety, very productive. Pods are long, green, straight and per-

fectly round. The quality is also good, pods being decidedly tender. Suitable for early and late planting, being extremely sturdy.

**FORDHOOK FAVORITE (Absolutely Stringless)**—The only white seeded, round, stringless, green pod bean in cultivation. The bushes grow eighteen to twenty inches high and are very vigorous, producing heavy clusters of long, round, stringless, green beans that mature about the same time as the Shipper's Green. The pods measure from five to six and one-half inches in length; are round as a pencil and very meaty and full. Price: Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. Not postpaid. By express or freight at purchaser's expense, 5c per pound less.

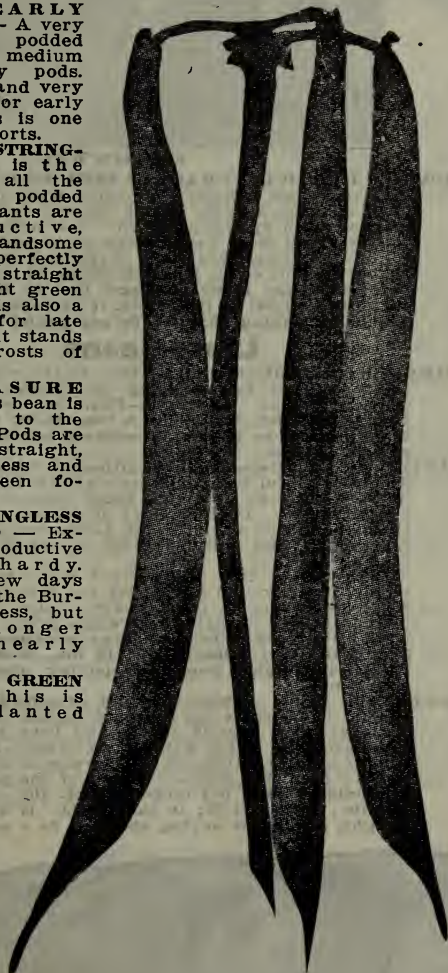
## Wax Pod Varieties

**CHALLENGE DWARF BLACK WAX**—This bean is a favorite among the growers who grow beans for the early market, as it is the earliest of the round pod wax varieties. The vine is strong, holding the pods well up, which are of a nice bright yellow color. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5c per pound less.

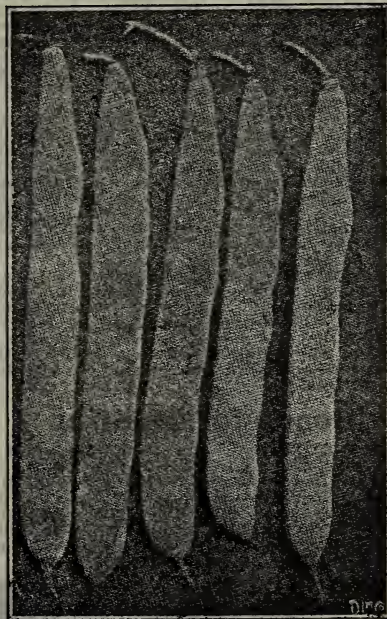
**GERMAN BLACK WAX**—Vines medium size with small foliage, very vigorous, hardy and productive, maturing about mid-season; pods are medium length, borne well up from the ground, are curved, cylindrical, fleshy, and of a cream white color. It remains a long time in condition for use as snaps. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5c per pound less.

**REFUGEE WAX**—A slender, golden yellow pod, round and very meaty. This variety sells well on most markets and is recommended to gardeners. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5c per pound less.

**DAVIS WHITE WAX**—A white-seeded Golden Wax Bean of superior quality, extremely early and great productiveness. The plant grows larger than the Golden Wax and produces an abundant crop of large, meaty pods, which are of a bright golden-yellow color, exceedingly attractive and very uniform in size and shape. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5c per pound less.



Shipper's Green.



Davis White Wax.

**SHIPPER'S WAX POD**—This bean was introduced by us six years ago—it is different from any other bean offered. We obtained our original stock seed from an old Italian gardener who spent ten years in perfecting this stock. It is the best round pod variety and of brisk growth; very productive. Pods long, round, straight, thick and absolutely stringless. This variety has proved the best shipper sold on the market and we cannot recommend it too highly to market gardeners. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight at purchaser's expense, 5c per pound less.



**OLD FASHIONED GOLDEN WAX**—This bean is the grand old wax-podded variety that has been planted by gardeners, both large and small, for many years. It is a heavy producer and very seldom fails to give the best results even when some of the later varieties fail. The pods are long and semi-round, of rich golden-cream color, very meaty and tender. During the bean planting season we have hundreds of customers who ask us for the Old Fashioned Wax Bean; they say it always pleases and never fails. The Old Fashioned Wax is ready to pick 50 days after planting and is classed as an early sort. Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

**IMPROVED GOLDEN WAX**—One of the old popular varieties; pods straight, flat and golden in color. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

**PENCIL POD BLACK WAX**—Pods are long, thick and fleshy. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

**ROUND POD KIDNEY WAX**—A very handsome mid-season variety, especially desirable for snaps for the home garden. The plants are of strong growth, spreading and very productive. The leaves are large, broad and roughened. The pods are long and round, 5½ to 6 inches, slightly curved, light yellow, wax-like, stringless and of the very best quality. Seed long, cylindrical, medium sized, nearly white with a little dark marking about the eye. Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

## Pole Beans

**KENTUCKY WONDER (Green Pods)**—This standard variety of Green Podded Pole Beans became popular through its rapid growth and abundant yielding qualities. It has been successfully grown in every section of the United States. Being extensively used as a corn bean the pods are exceptionally long and often measure 10 to 12 inches, perfectly round and stringless when young. A good sort to plant around fences, for it will climb and completely cover them in a short time. If the pods are allowed to ripen, the dried bean can be used for winter use. Price: Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.

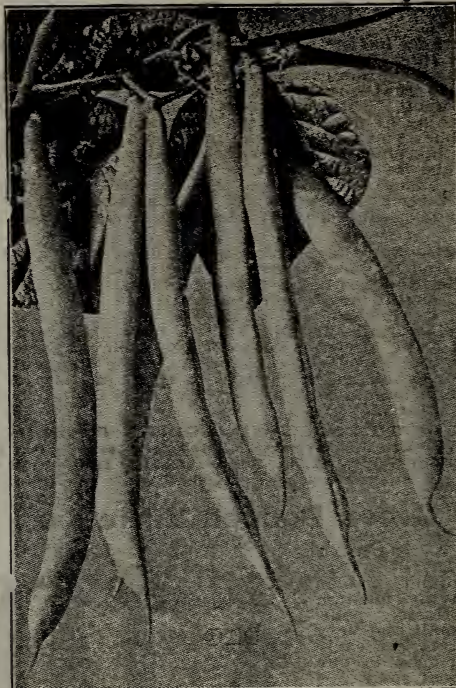
**WHITE SEEDED KENTUCKY WONDER**—This variety of the many Pole Beans may truly be termed as one of the best of the Pole varieties. It is being planted more extensively each season on account of its extremely early quality. It produces long, slender, round-podded green beans of excellent flavor and is admired and favored by all who have tried it. Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.

**LAZY WIFE**—Green podded, very productive, and later than other varieties. Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.

**EARLY GOLDEN CLUSTER BEAN**—The best wax podded pole bean. Vines are strong, producing pods 6 to 8 inches long, coming in very abundant cluster, pods very broad, thick and fleshy, of golden yellow to creamy white. Postpaid—Pkt., 5c; large size package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.

## Beans for Shelling

**FALL HORTICULTURAL, (Or Climbing Shell Bean)**—This bean, like the Dwarf Horticultural, is very productive and bears large clusters of well-filled pods. It is a rapid grower and starts to set blooms before any of the other pole beans. Prices: Postpaid—Pkt., 5c; large package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.



Shipper's Wax.

**DWARF HORTICULTURAL (Or Shell Beans)**—Very productive, vines compact, upright, with large leaves; pods medium length, round curved, yellowish color, marked with splashes of red. The beans are fit for use as green shell beans, very early and in this condition the beans are very large and easily shelled, and are about equal to Lima Beans in quality. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

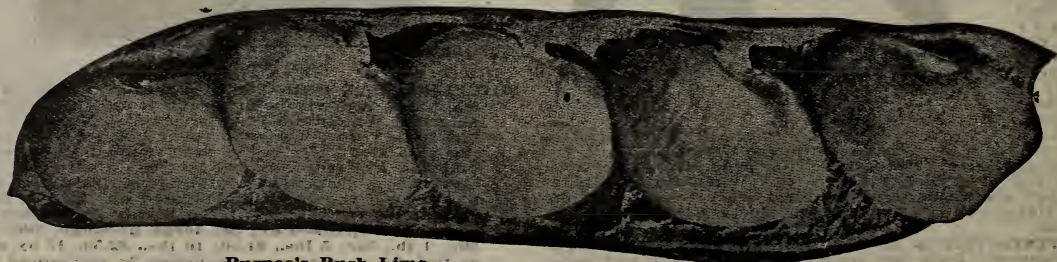
## Lima Beans

**HENDERSON'S BUSH LIMA**—This is the earliest of the flat pod Lima Beans, being two weeks earlier than other varieties. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50. If by express or freight, purchaser paying charges, 5c per pound less.

**AZTEC BEAN (Colorado or California Cream Butter)**—This wonderful bean has been grown for generations in New Mexico. It is the Lima Bean for the Western territory. Does well on dry land. It is earlier than the other varieties of Lima Beans. The only Lima Bean that fully matures in our Western country.

The seed of this bean is not flat like most Lima Beans, but is round and about the shape of our small Navy Bean, but is four or five times larger. It is used either as a shell bean when green, or as a dry bean. Postpaid—Pkt., 5c; large package, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.

**BURPEE'S BUSH LIMA**—The old standard Lima Bush Bean. The bushes are 18 to 20 inches high, of stout, erect growth; branch freely and very prolific. The pods are well filled with large, fleshy beans of excellent quality. Delicate pale green in color and possessing that rich, buttery flavor of the pole varieties. Postpaid—1 pkt., 5c; large packet, 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00. If by express or freight, purchaser paying charges, 5c per pound less.



Burpee's Bush Lima.



# Beets

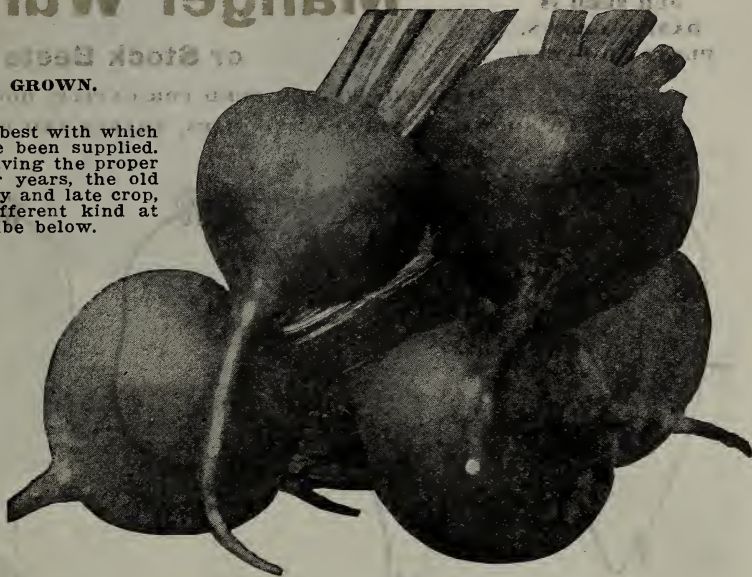
(Red or Table)

OUR TABLE BEET SEED IS FRENCH GROWN.

PRICES ARE POSTPAID.

Our beet seed has proven the purest and best with which the market gardeners of this territory have been supplied. Many of them have made extra money by having the proper sort of beets at the right time. In former years, the old reliable Early Egyptian was planted for early and late crop, but now the buyers of beets demand a different kind at different seasons, which we offer and describe below.

**CULTURE**—The beets thrive best in deep, rich, sandy soil, one which the roots can penetrate easily. For extra early use, the seed may be sown in hotbeds and the young plants set out in the open, trimming off the outer leaves. They can be transplanted easily in moist weather. For early use, spade or plow deeply, sow seed in rows 18 inches apart, covering one-half inch deep. If dry, the soil should be well firmed about the seed. When three or four leaves have developed, thin out to four inches apart in the row, allowing the strongest to remain. Keep free from weeds. For main crop sow end of April. For winter crop, sow end of June.



Detroit Dark Red.

**EARLY CROSBY'S EGYPTIAN**—The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. This beet is more spherical in shape than the Early Egyptian, and we believe of a better quality, a distinct vermilion color and very attractive in appearance. One of the best for early planting in the open. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.00.

**EXTRA EARLY EGYPTIAN**—This is one of the best varieties for forcing and early planting. While young it is very sweet and tender and oval in shape and presents a fine appearance when bunched for market, but with continued growth it becomes broader instead of oval and often too large and coarse for table use. It has been the standard variety for many years, as it is a good keeper when topped and stored away for the winter. Showy when the beet is cut. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

**EARLY ECLIPSE**—We recommend this variety for mid-summer, at the time beets are sold by the bunch. Their color is brighter red than other sorts, which gives them a more tender appearance. But do not plant this variety to be sold in sacks during the fall or winter months as it does not command the best prices at that time. It is of lighter color than the Detroit, and its rings or zones are very light which hurts its sale when a blood beet is wanted. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

**EARLY BLOOD TURNIP**—Roots turnip-shaped, deep crimson, tender and sweet. This is an excellent market and home garden sort for summer and autumn use, a very good cropper. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

**LENTZ EXTRA EARLY BLOOD BEET**—This beet is very early, ringed red and white, absolutely perfect in shape; roots are globular and peculiarly smooth; very crisp, tender, fine grained and sweet at all stages of its growth. Has small tops and can be used six weeks from sowing. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

## Swiss Chard

**COMMON**—This member of the Beet family is grown for the leaves only, and cooked like spinach. The midrib is prepared like asparagus. It is hardy and productive, with broad green leaves and large white midribs or chards of excellent quality, and can be sown at different seasons of the year, giving successive greens. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**LUCULLUS**—A peculiarly delicious variety having green leaves which are remarkably crimped and curled, like savoy-leaved cabbage. The chards are white and broad but not so broad as the common variety, although equally fine in flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**DETROIT DARK RED**—The fact that this beet combines the fine shape of the Eclipse and the dark flesh of the Egyptian places it among the leading beets with the gardeners who plant for winter use. This variety is not as early as Egyptian, but is the most uniform and best keeping beet. Postpaid: Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.25.



Extra Early Egyptian.



OUR SEED IS  
DANISH GROWN.  
PLANT NO OTHER.

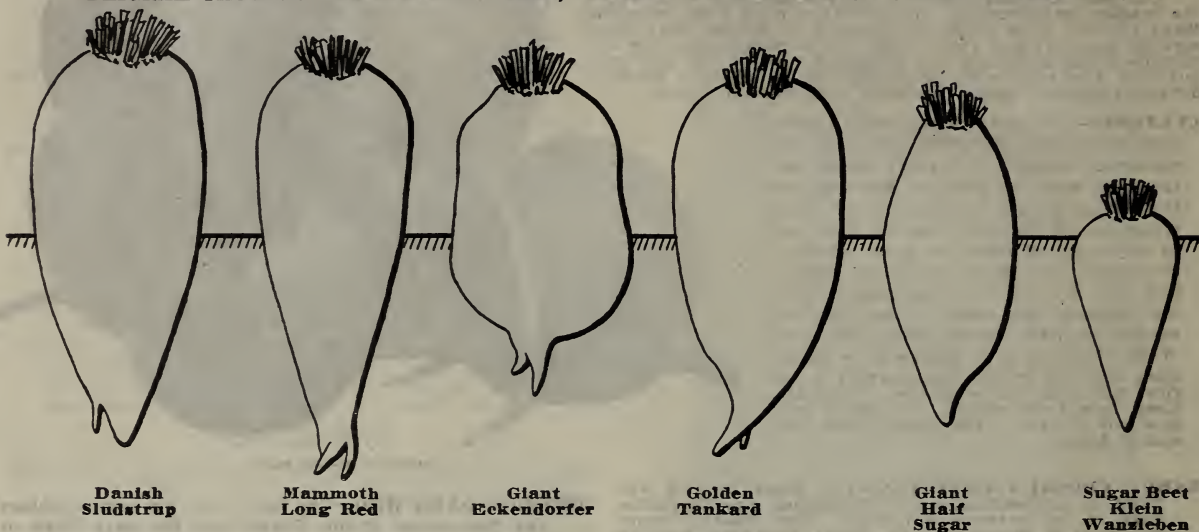
# Mangel Wurzels

or Stock Beets

DANISH GROWN.  
MANGELS ARE  
SUPERIOR IN  
FEEDING VALUE.

SPLENDID WINTER FEED FOR CATTLE, HOGS, CHICKENS, ETC.

DIAGRAM SHOWING COMPARATIVE SIZES, SHAPES AND DEPTH EACH GROWS IN THE SOIL.



An ever-increasing acreage is being planted to stock beets, because of the wonderful results obtained by feeding them. Fattening, feeding and breeding cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use.

Sow in rows two and one-half to three feet apart, as soon as the ground can be thoroughly worked. Cover seed about one and one-half inches, making the ground firm over the seed. When four inches high, thin to eight inches apart.

## DANISH GROWN MANGELS

Mangel seeds are grown in England, France, Germany, Russia, Austria, Denmark, and many other foreign countries. Of course, at the present time we are unable to get any mangel seed out of Austria or Germany, but all the above countries grow the same varieties.

Perhaps you have wondered why the Danish Grown Mangel Seed is so much more expensive. This is due to the fact that Danish Mangels are the finest that are grown in the world. They are bred up to the highest type. A number of years ago the Danish government realized that mangels with a high percentage of fattening matter could be grown just as easily and without additional cost as the mangels which contained a larger percentage of water. So the Danish government encouraged the breeding up of their mangel seed and due to this effort Danish grown mangels contain more fattening matter and less water than any other. The world over they are considered the best. Any one growing mangels should insist on Danish Grown Seed. Our seed is Danish grown.

## Golden Tankard Hartner's Special

The best known and highly recommended for dairymen on account of its milk-producing properties and the richer quality of the milk. The flesh is firm and solid and a rich golden yellow color. On account of its peculiar shape they can be grown closer in the rows than most mangels, increasing the yield per acre considerably. Grows well above the ground and easily pulled. Yields particularly well on light soil. Postpaid: Pkt., 5c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. If by express or freight, purchaser paying charges, 5c per pound less.

For larger amounts, see Blue List.

## Danish Taarje

An improvement on the Golden Tankard, ovoid in shape, very heavy yielder, more tons per acre than the Sludstrup; roots average about 10 inches in length; grows about two-thirds above the ground and roots are very smooth. Flesh is reddish color with tint of yellow; per cent of dry matter not as high as some others, but the extreme large size of roots makes it a favorite. Grows best on stiff, heavy, adhesive soil. Pkt., 5c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

For larger amounts, see Blue List.

## Giant Eckendorfer

A very popular variety, grown extensively in Germany. It has also proven very satisfactory in the United States wherever it has been tried. It resembles the Golden Tankard in shape. Its roots are very heavy. It has been known to produce as much as 55 tons of roots to the acre. This variety is very easily harvested, as a large proportion grows above the ground. Postpaid: Pkt., 5c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. If by express or freight, purchaser paying charges, 5c per pound less.

For larger amounts, see Blue List.

Our Seeds are Danish grown. Buy no other.

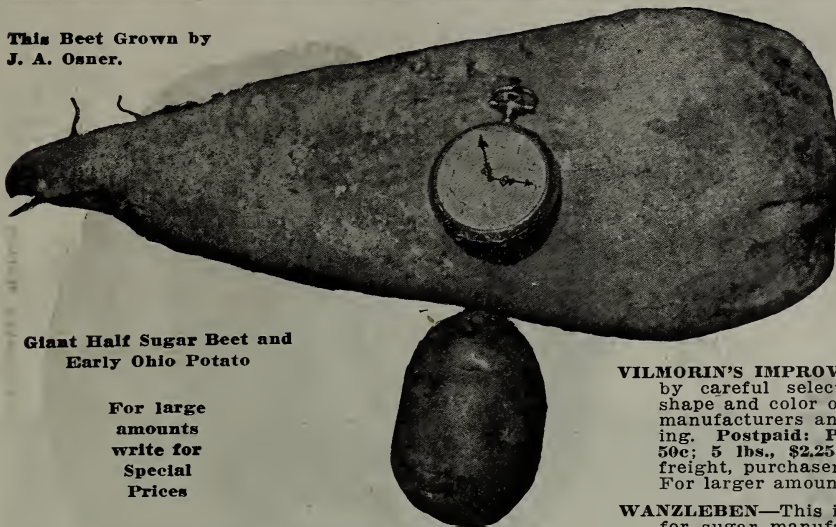


Giant Eckendorfer Mangel.

OUR PRICES ON MANGELS AND BEETS ARE PREPAID.



This Beet Grown by  
J. A. Osner.



Giant Half Sugar Beet and  
Early Ohio Potato

For large  
amounts  
write for  
Special  
Prices

## Mammoth Long Red

**MAMMOTH LONG RED**—This is a very large and heavy mangel. Roots grow one-half to two-thirds above the soil and are often two or more feet in length and six inches in diameter. Skin dark red, flesh white, with veined rings of pink. Postpaid: Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. If by express or freight, purchaser paying charges, 5c per pound less. For larger amount see Blue List.

## Danish Sludstrup

The Danish government, recognizing the value of root crops for their dairying and cattle interests, has for years been breeding mangels so as to condense into the roots all the dry matter content possible. They offer prizes each year for mangels that contain the greatest amount of nutriment and feeding value. Up to this time the Danish Sludstrup has proved the best variety, and, pound for pound, contains more feeding value than any other mangel. The roots are large, reddish-yellow, of distinct type and a remarkable yielder. Our stock is Danish grown, produced from stock that was awarded the "First Class Certificate." It is the largest cropper and most nutritious vegetable, according to the comparative trials made by the Danish Agricultural Society, and produces as follows:

- 17 per cent more pounds of roots per acre than the Mammoth Long Red.
- 23 per cent more nutriment per acre than the Mammoth Long Red.
- 22 per cent more pounds of roots per acre than the Golden Tankard.
- 28 per cent more nutriment than the Golden Tankard.

Over 40 tons have been grown on a single acre.  
Postpaid: Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. If by express or freight, purchaser paying charges, 5c per pound less. For larger amount see Blue List.

Our seed is Danish grown. Buy no other.

## Giant Half Sugar

STOCK BEET.

This is neither a mangel nor a sugar beet, but as the name implies, is a cross between the two. It has the large size of the mangel, with the great feeding quality of the sugar beet. The roots average ten to twelve inches in length. It will yield almost as much per acre as the best mangels, and twice as much per acre as the rich sugar beets.

There are two varieties, one is known as the "Green," the other as the "Rose." They are almost identical. Roots very smooth with very few rootlets; flesh creamy white except the upper portion of one is rose or pink, while the other is green. Our stock is Danish grown—buy no other.

Postpaid: Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. If by express or freight, purchaser paying charges, 5c per pound less. For larger amount see Blue List.

## SUGAR BEETS

Our Prices Are Prepaid. For  
Large Amounts Get Special  
Prices.

Sugar beets are not as heavy yielders as the mangels, but are of superior quality, containing a large amount of sugar. They are excellent for feeding stock.

**VILMORIN'S IMPROVED WHITE**—Medium size, brought by careful selection to the highest perfection in shape and color of roots. Greatly esteemed by sugar manufacturers and one of the finest for stock feeding. Postpaid: Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00. If by express or freight, purchaser paying charges, 5c per pound less. For larger amount see Blue List.

**WANZLEBEN**—This is the variety so extensively planted for sugar manufacture. Although it does not yield quite as large crops as mangels, the feeding value, pound for pound, is much greater on account of its high percentage of dry matter content. Recommended especially for fattening cattle, but is equally well adapted for general feeding as mangels. Postpaid: Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00. If by express or freight, purchaser paying charges, 5c per pound less. For larger amount see Blue List.



Danish Sludstrup.

## BRUSSELS SPROUTS

**BRUSSELS SPROUTS**—Are highly esteemed for boiling during the late fall and winter months. The "sprouts" resemble miniature cabbages, growing closely on the stalk of the plant. This is one vegetable which should be planted more extensively in this section. The few who do grow them are finding ready sale at from 18 to 25 cents per pound.

**PERFECTION**—The plants grow about two feet in height, stems are thickly set with sprouts, which grow one to two inches in diameter. Postpaid: Pkt., 5c; 1 oz., 20c; ¼ lb., 75c; 1 lb., \$2.75.

For the past four or five years I have been  
planting your Giant Half Sugar Mangels, and they  
sure make pork and beef.

J. A. OSNER.



THIS CUT SHOWS COMPARATIVE SIZES AND SHAPES OF HEADS AND LENGTH OF STEMS; THEY ARE ARRANGED FROM LEFT TO RIGHT, BEGINNING WITH THE EARLIEST TO THE LATEST



Early Jersey Wakefield



Charleston Wakefield



Copenhagen Market



Winningstadt



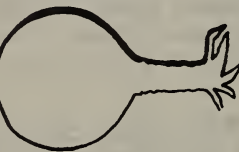
Glory of Enkhuizen



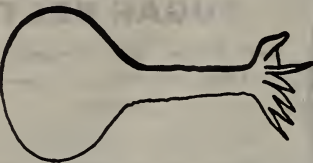
Early Hollander



Danish Round Head



Evergreen



Danish Ball Head Tall Stem

## Cabbage

HOLLANDER SEE NOVELTIES

**CHARLESTON WAKEFIELD, OR LARGE WAKEFIELD**—This is a very satisfactory cabbage for the growers who plant to supply the early shipping demand. It is a selection from the Early Jersey Wakefield and about a week later than that sort, but usually ready for cutting to supply the first demands of the shippers. The heads are larger than the Jersey Wakefield and are almost as solid as the Winningstadt. Postpaid: Pkt., 10c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

**CULTURE**—Cabbage requires a quite rich, moist, heavy soil, and deep, frequent cultivation. For extra early use, the seed may be sown in January or February, very thinly and shallow in hotbeds. When the young plants have reached sufficient size, gradually harden them off by admitting air freely. Transplant them to the open ground as soon as the ground works well; prepare the soil to a good depth, making it loose and fine. For late use, sow the seed in fine soil during April or May, and not over one-fourth inch deep. The plants become weak and slender when sown thickly. When large enough, set out in the open.

**EARLY JERSEY WAKEFIELD**—Selected—For early planting this is the standard. Shippers make no attempt to offer cabbage to other markets until Wakefield is ready. However, it is not considered a very good shipping cabbage, but it is the only early variety that will stand transportation. One early crop is all that should be planted, and should be marketed not later than August 20th, or, like its predecessor, the Express, it will be crowded to the rear by better shipping cabbage. Postpaid: Pkt., 10c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

## Copenhagen Market

GOLD SEAL STRAIN

**COPENHAGEN MARKET**—A splendid, new extra early, round head sort which matures about as early as the Wakefields, and is of much larger size. Each plant forms a perfect tight-folded head, averaging five to eight pounds in weight and about eight inches in diameter each way. The compact growth of the plant, the solidity of the head, its excellent flavor and extreme earliness, all combine to make Copenhagen Market one of the most meritorious cabbages that has come to our notice during our experience in handling cabbage. We pronounce it, without reserve, the finest and earliest round-headed sort in cultivation today.

It is very popular with the market gardeners. It is a short-stemmed variety, the heads nearest resting on the ground. It is very desirable on account of the characteristic of maturing the heads all at the same time, thus enabling the grower to clean his field at the first cutting. It is the earliest large, round-headed cabbage yet introduced. Heads are large, very solid, and of the most excellent quality. Gold Seal Quality. Postpaid: Pkt., 10c; 1 oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.00.



Copenhagen Market



Early Jersey Wakefield

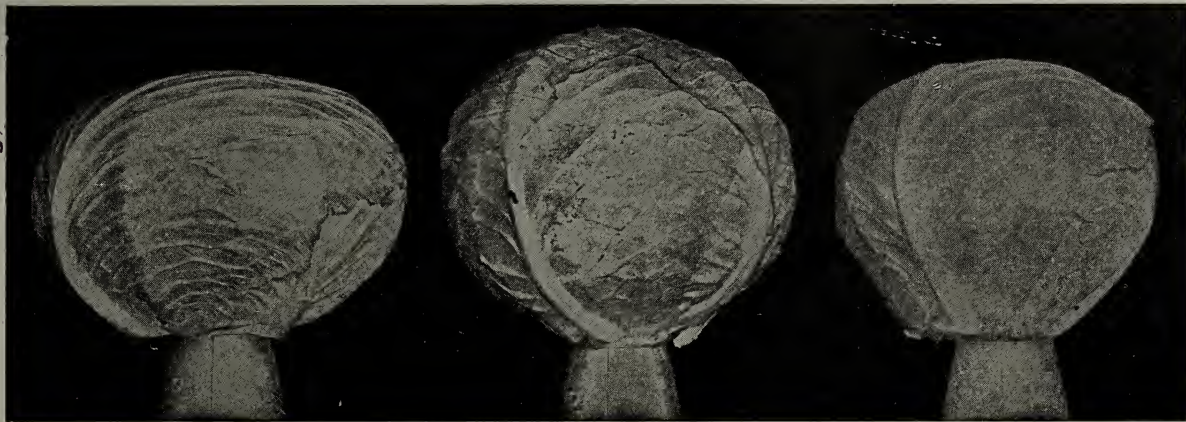


## WHY OUR SEED IS BETTER

Cabbage seed is produced in every European Country as well as America and Australia, but the little Island of Amagar, Denmark produces the highest quality seed, due to climatic and soil conditions. In the past 15 years we have tried seed from every noted grower in Denmark and elsewhere. Of these numerous firms we carefully selected three which we found the best and after three years of trials we found one of the growers produced a better strain of seed, higher germination, and always true to type, so we have made a contract with this grower; we are to give him all our orders and he agrees to sell only to us. We are putting this Cabbage Seed out under our Gold Seal and we agree to refund the cost of the seed to any cabbage grower if he does not find it to be the best he has ever planted. Do not plant doubtful cabbage seed this year because we can supply you with the highest quality seed that is grown. Buy your cabbage seed from a Cabbage Seed House.

## Market Conditions

The past season was quite a disappointment to cabbage growers as far as profit was concerned. The low price was not due to an over production in Colorado, but three-fourths of our usual market was closed to Colorado Cabbage. Last year was the first year in a long time that practically every Eastern State had a good crop of cabbage. That left us with a very small territory in which to market our cabbage and naturally the shipments from Colorado were limited. The low prices of last year should not discourage growers of cabbage because it is doubtful if we will ever experience a repetition of the past year and we look for good prices on cabbage the coming year because the low price of this year will discourage many, not only in Colorado, but in all cabbage growing districts. In Wisconsin we are advised that 50% of the later crop was not harvested.



**Danish Round Head Short Stem.**

**Danish Ball Head Short Stem.**

**Danish Ball Head Long Stem.**

## Danish Round Head or Short Stem Hollander

**DANISH ROUND HEAD, SHORT STEM—The Cabbage Grower's Friend**—One of the grandest of all cabbages and it is now more extensively grown throughout the United States than any other variety, and one year after another it has given the cabbage growers wonderful results. This one variety alone has done more to place Colorado among the leading cabbage states in the Union than all other varieties combined. It is just ten years ago that this firm persuaded the growers of cabbage to try this variety instead of the old-fashioned Holland, the Drumhead and the Flat Dutch. The Danish Round Head Short Stem never fails to produce a good crop of cabbage, but, of

course, the weather conditions have a great deal to do with its growth. In wet, cool summer this variety is inclined to grow on a very short stem and produces rounded heads of a dark green color. When the seed is sown in the open, it matures about the last of September, while in the dry hot seasons it will mature about three weeks earlier, and the heads are a little more flat and, like all other cabbages, if allowed to stand when fully matured, it is inclined to turn white. Recommended by us as a good main crop. **Postpaid: Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.** Gold Seal Strain \$1.00 higher per pound.

## Danish Ball Head, Short Stem Cabbage

**DANISH BALL HEAD SHORT STEM**—A new type of cabbage introduced by us four years ago, and readily accepted by those who tried it as a very desirable sort for the late kind that can be put in the ground for mid-winter use. If planted on good ground an enormous yield can be expected, for the heads, when matured, are all of a good size and very solid; it

shows its good breeding by the bluish tints in the veins. Highly recommended as one of the best late Hollander cabbages and we predict that in the future it will be grown more than any other sort. It matures between the Danish Round Head, Short Stem and the Danish Ball Head, Long Stem. **Postpaid: Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.** Gold Seal Strain \$1.00 higher per pound.

## Danish Ball Head, Long Stem Cabbage

**DANISH BALL HEAD LONG STEM CABBAGE**—Although growers sometimes object to this cabbage on account of the long stem, nevertheless it produces the most beautiful dark green head of cabbage, very solid and the best variety for storing during the winter. In Denmark this variety is planted more extensively than any other. The long stem objection is over-

come by throwing the dirt to stalk or stem, the same as is done with celery. This not only helps the long stem to support the heads, but causes the stem to throw out many new fine fiber roots, which furnishes nourishment to the plant and increases the yield. **Postpaid: Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.** Gold Seal Strain \$1.00 higher per pound.

## Evergreen Hollander, Short Stem

The Best Late Cabbage that Grows. For Description See Page 6.

## European Market

**EUROPEAN MARKET**—We are glad to again be able to offer our Wonderful European Market Cabbage Seed. During the War we were unable to secure this seed, which was quite a disappointment to many growers, because it is the most profitable early cabbage that can be grown. It produces a very uniform crop and resembles Copenhagen Market, but all we ask is that you try both and then you will plant only European Market. **Pkt., 10c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.00.**



## Glory of Enkhuizen

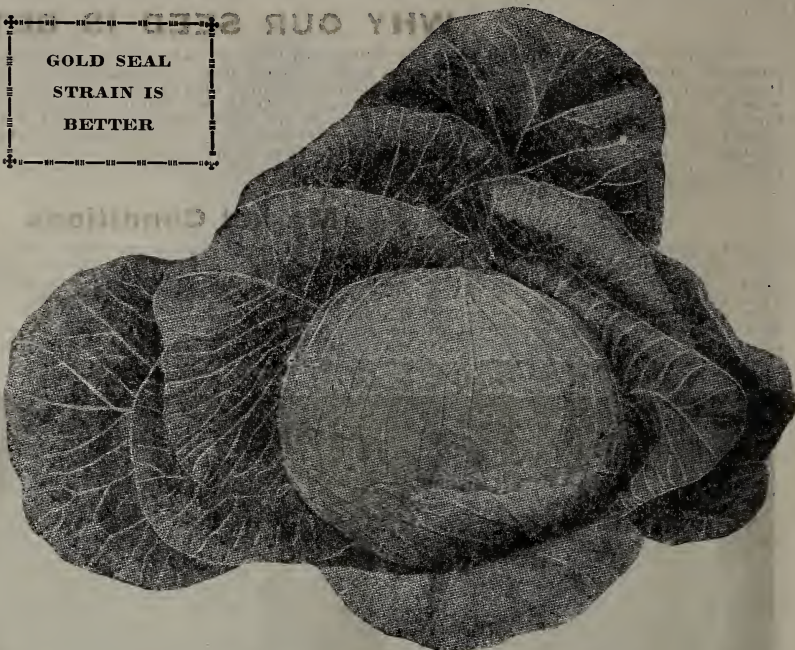
**GLORY OF ENKHUIZEN**—(Our seed is Danish grown.) Enkhuizen Cabbage was first introduced into this country by Holland seed growers, and was at once recognized as a fine sort by seedsmen, both in this country and in Denmark. The Danish seed growers have improved the original Holland strain until now they offer a more perfect cabbage that is earlier, more hardy and a heavier producer.

Glory of Enkhuizen has a better flavor than any other cabbage grown, and for the reason that it is extra early and produces a heavy yield of good marketing sized heads, it is a favorite among cabbage growers wherever grown. Planted side by side with the Early Jersey Wakefield, and conditions the same, Enkhuizen will mature almost as early and weigh double, which makes it the most profitable early cabbage to plant. Enkhuizen Cabbage will produce on most any soil, and does not require the attention demanded by other early varieties. It will stand the drought better than any other cabbage known to us.

For early cabbage, both for the gardener and the home lot, we highly recommend the above.

We can furnish any amount of Glory of Enkhuizen Cabbage Plants from Danish seed. **Postpaid: Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.** Gold Seal Strain \$1.00 higher per pound.

**GOLD SEAL  
STRAIN IS  
BETTER**



Glory of Enkhuizen.

## Early Winningstadt

### SPECIAL STRAIN.

**EARLY WINNINGSTADT, SPECIAL**

**STRAIN**—The old, reliable, well-known, standard cabbage for the market garden. A favorite among growers who have good, rich land. It always meets with ready sales on account of its fine appearance. The heads are pointed, compact, hard, of rich green color and uniform in size, making it a very desirable shipping cabbage. Many growers plant Winningstadt for their main crop to sell to the shipping trade, who demand a medium-sized, green cabbage that will stand handling. Winningstadt can be planted closer in the rows than other types, for its growth is upward to a point instead of spreading and round. If planted close on good ground a heavy yield is assured, for Winningstadt never fails to make a head.

Our seed is Danish grown, and has passed our test. We know it to be true to name. **Postpaid: Pkt., 10c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.**



Early Winningstadt.

## Savoy Cabbage

**EARLY ULM SAVOY**—This is the earliest of the Savoy Cabbages. Head pointed. **Postpaid: Pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.**

**PERFECTION DRUMHEAD SAVOY**—The hardest heading and best all-around Savoy. Plants strong and the large, solid head blanches beautifully. Fine flavor. **Postpaid: Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.**

## Chinese Cabbage or Wong Bok

**CHINESE CABBAGE—Pet-Sin**—A new vegetable that is becoming very popular wherever tried. Market Gardeners who have planted it have found ready sales and are, new growing and cultivating larger patches of Chinese Cabbage each year. This new vegetable is of the cabbage type, but the seed can be planted in the open and thinned out leaving the plants 15 to 18 inches apart. When nearly full grown the outer leaves should be gathered about the head and tied at the top; in the same manner as you would tie cauliflower. This allows the head to bleach and become tender. When preparing for the table it should be boiled the same as cabbage, or used as cold slaw.

**Postpaid: Pkt., 10c; 1 oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.**



Chinese Cabbage





Large Red Drumhead.

**EARLIEST SNOWBALL**—Selected—This is the earliest of all cauliflower and we offer an especially excellent grade of this seed. Pkt., 25c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.

**EARLY DWARF ERFURT**—True—This is one of the best cauliflowers grown in this country and a sure header. While not so expensive as the Snowball, it does very well and is very popular with Denver market gardeners. Pkt., 15c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.

**MAXINE SNOWBALL**—This strain of cauliflower was so highly recommended to us by the largest cauliflower seed growers of Europe that we secured samples and tested it out. To our surprise we found it to be one of the best grades of cauliflower ever grown in our vicinity. It is early and a heavy yielder of even-sized and very firm heads. The foliage is very dense and overlaps the tender flower, thus protecting it from the hot sun and making it an almost sure crop. This strain we highly recommend to growers of cauliflower. It is a sure cropper. Pkt., 25c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.

**DANISH DRY WEATHER**—A second early variety, coming in after the early Snowball. Plants are vigorous, producing large, solid heads of snowy whiteness and solidity, completely covered with heavy foliage that will stand the hot weather better than any other kind. Hence the name, Dry Weather. We recommend it highly to the market gardeners. Pkt., 25c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.

#### HARTNER'S SPECIAL STRAIN OF

**SNOWBALL**—We have placed this strain of cauliflower in competition with the finest and highest-priced seed sold by all the best dealers in this country and Europe, and have found nothing to equal it in certainty of crop and perfect white heads. It has won the approval of the critical gardeners, it being the most reliable sort grown. It is not only suitable for early use, but it is superfine for late planting. The heads are hard and solid and do not spread as do some of the inferior sorts. No other equals it in purity of color, it being clear snow-white.

Growers often wonder and ask what we mean by Special Strain and how we obtain it. It is just this way: We go to the best growers of Cauliflower Seed in Europe, and from their vast fields, while the Cauliflower is still growing, select the best and most perfect heads and mark them with a stake four feet long, driven into the ground next to the plant, and after the seed has formed from this plant, they are gathered separately. Although this causes a great

Hartner's Special Strain Snowball.

Pkt., 25c; ¼ oz., \$1; oz., \$2.50; ½ lb., \$9. Henderson's Snowball—This variety is without doubt one of the leading cauliflowers in Colorado, and we have the purest strain that can be obtained. Our stock comes from the best and most reliable growers in Denmark and will give satisfaction to any market gardener who wants nothing but the best on the market. Pkt., 25c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.

**EARLY PARIS**—A hardy variety quite easy to grow and forming good heads. Pkt., 10c; ¼ oz., 35c; oz., 90c.

## RED CABBAGE (Postpaid.)

**LARGE RED DRUMHEAD, OR IMPROVED LARGE RED DUTCH**—This is a well known standard. Heads large size, slightly rounded, seven to eight inches in diameter. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.

**MAMMOTH RED ROCK**—While late in maturing, this is the largest of all deep red varieties. In rich soil the heads will average ten pounds. Postpaid: Pkt., 5c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00

## Cauliflower

Our Seed is Grown For Us By Danish Experts. Plant Only Cauliflower Seed Suited to Our Western Country.

We Are The Largest Dealers in CAULIFLOWER SEED in the West. Prices given below are postpaid.

**CULTURE**—For early crops, sow seed in hot-beds during February, they should be gradually hardened off before setting out in the field which should be about the first of May.

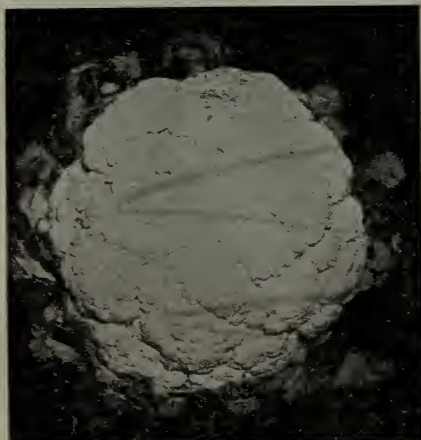
For mid-season crops, plant seed in cold frames.

For late crops, plant in open ground and after plants are 4 to 6 inches high, transplant to field.

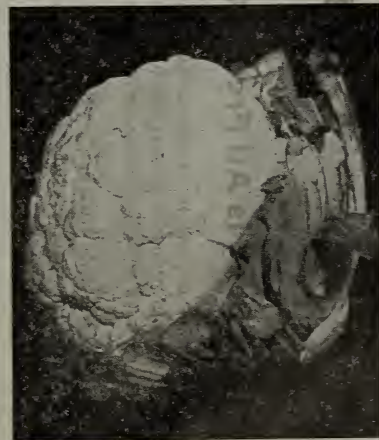
After the heads begin to form, the leaves should be drawn up around them and tied at the ends, thus preventing the light and worms getting to the heads and bleaches the cauliflower a snowy white.



Maxine Snowball.



Early Dwarf Erfurt.



Hartner's Special Strain Snowball.

deal of extra expense, you will note that we do not ask an exorbitant price. Pkt., 25c; ¼ oz., \$1; oz., \$2.50; ½ lb., \$9. Henderson's Snowball—This variety is without doubt one of the leading cauliflowers in Colorado, and we have the purest strain that can be obtained. Our stock comes from the best and most reliable growers in Denmark and will give satisfaction to any market gardener who wants nothing but the best on the market. Pkt., 25c; ¼ oz., \$1.00; oz., \$2.50; ½ lb., \$9.00.



# Carrots for Table Use

STOCK CARROTS, SEE PAGE 40.

## Our Carrot Seed Is All French Grown and Can Be Depended Upon As It Has Been Tested.

**CULTURE**—The carrot will do well in any good, well worked soil. For early use sow the seed when the ground is fit to work, in rows 15 inches apart, and when 2 inches high, thin out so that the plants stand 2 inches apart in the row. For fall and winter use, sow the seed from the 1st to the 15th of June. The roots may be stored in cellar or pit, covered with dry dirt, where they will keep solid until late in the spring.

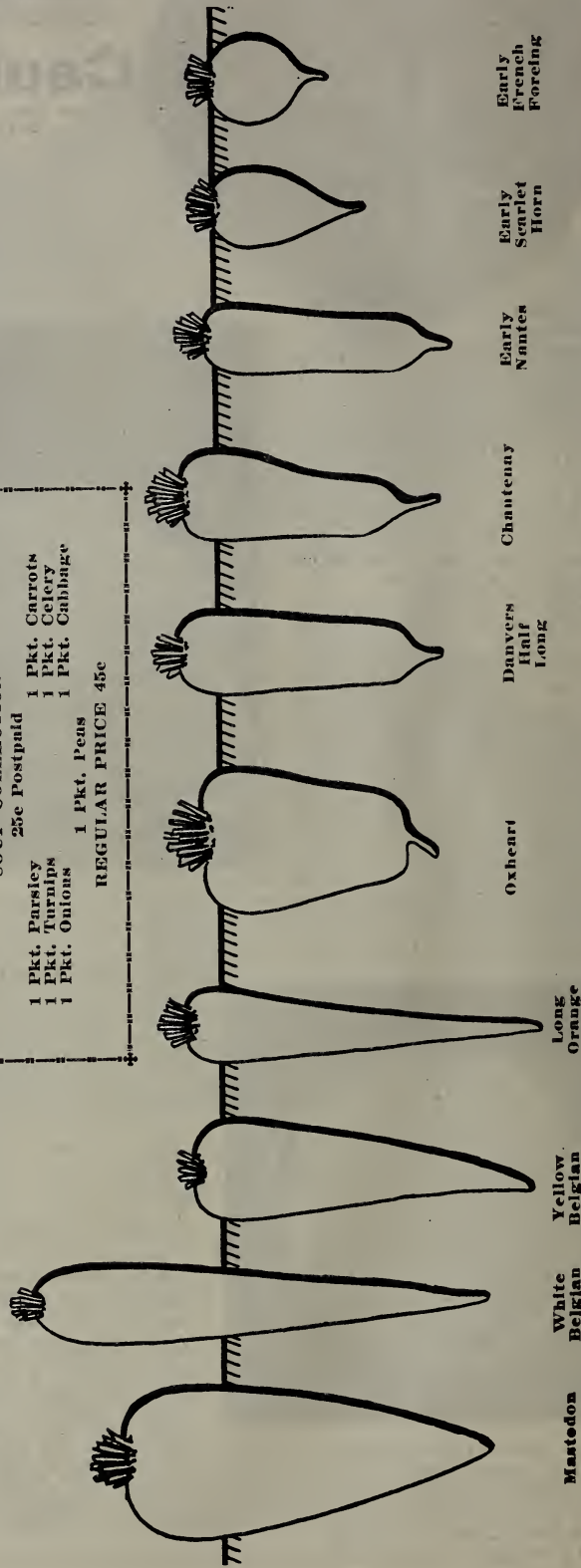
Carrots are marketed in two different styles, that is, sold either in bunches, or with the tops cut off and sacked. Some varieties that are a very good sort for bunching will not sell sacked. This rule applies to sack sorts that will not sell when bunched.

**EARLY CARENTAN**—Earliest of all, nice color, tops comparatively small and well adapted to forcing in hotbeds and cold frames. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.

**EXTRA EARLY SCARLET HORN**—This variety should not be planted for the main crop. Its growing should be confined to the extra early marketing when as yet there are none of the standard varieties offered. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.

**EARLY HALF LONG NANTES**—This variety is the earliest of the standard sorts and on account of its fine bright color is planted very extensively in this section as a bunching carrot, presenting a very fine appearance when bunched. It is sweet and fine flavored, almost without a core, very fine grained. Excellent for home garden, as well as for the market. One of the finest in quality and handsomest in shape of the medium sized sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.

SOUP COLLECTION	
1 Pkt. Parsley	1 Pkt. Carrots
1 Pkt. Turnips	1 Pkt. Celery
1 Pkt. Onions	1 Pkt. Cabbage
1 Pkt. Peas	
REGULAR PRICE 45c	
25c Postpaid	



This Diagram shows comparative sizes and shapes of Table and Stock Carrots and also position of carrot above the soil.



Oxheart  
or Guerande.

Half Long Nantes.

Chantenay.

Half Long Danvers.

## Chantenay

**CHANTENAY**—We consider this the standard carrot, for when young it is about equal to the Nantes for bunching, and later when they increase in size are the best for sacking. The carrots grow about six inches long, fine grained, sweet and sugary. It is not as long as the Half Long Danvers, and is more stump rooted and not apt to crack open while growing. An excellent table variety, and heavy cropper. Our seed is most carefully selected. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.

## Danvers Half Long

**DANVERS HALF LONG**—The most popular variety with nine-tenths of the Market Gardeners in this vicinity. It will produce more than any other kind, and cannot be equalled as an all around carrot. Very suitable for bunching for Summer sales, and on the other hand, being an excellent keeper, it may be stored in pits, when the tops are cut, and sold during the Winter. It is rich orange in color and a bumper cropper—much favored for stock feeding. Grows five to seven inches long, two to two and one-half inches wide at the base. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.



## Oxheart, or Guerande

**OXHEART, OR GUERANDE**—The most popular and heaviest cropper among the short carrots. The shape is very desirable for heavy soils. The true type is about 4½ inches long and 3 inches thick at the shoulder, tapering slightly to the bottom, and is very stump rooted. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.

## French Coreless

**FRENCH CORELESS**—This is a half-long, cylindrical carrot, blunt pointed with small taproot and small top. They run uniform in size and shape, 6 to 7 inches long by 1½ inches through, clear skinned, easily pulled and keeps well. The flesh is fine in texture, sweet and mild flavored, entirely devoid of stringiness, coarseness or woody heart or core. Color of flesh is rich red-orange. Excels other half-long carrots in earliness without being inferior in productiveness. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25. Postpaid.

French Coreless.

Stock Carrots, see Page 40.

The Western Seed Co.,  
Denver, Colo.  
Gentlemen:

I have just finished harvesting my crop of Danvers Half Long Carrots, produced from the seed you sold me last spring. The yield was so enormous that I thought I would write and tell you. I bought two pounds of Danvers Half Long Carrot seed and planted it on one acre of land. Every seed must have grown, for I never saw so many carrots in one acre. They never got very large, but were just the right size for sacking. From the one acre we have sold 440 sacks, and they averaged us 90c per sack. It sure was a wonderful crop. I think the seed was perfect.

Welby, Colorado,  
October 25, 1918.

(Signed) L. K. NEILSON.



## Carrots--for Stock Feeding

Attention--Don't fail to plant at least a few Carrots for your stock

Carrots make a healthy and desirable food for horses, and every horse owner should plant them liberally, so as to give his horses an occasional feed of carrots through the winter. They are also very desirable for feeding to hogs, and cattle and make a tonic and alterative food which is of decided benefit. Plant in March, April or May—the earlier the better—at the rate of 3 to 4 pounds per acre. Cultivate same as Mangel Beets.

**MASTADON CARROT**—This abundant yielder is strictly a stock carrot and grows to be of enormous size. Now, if you want a good winter feed for your stock don't overlook this new wonder, for it is just what your horses and other stock need. There is no use for us to tell you what carrots do for stock, for everybody knows what carrots or cow thinks of carrots. But, speaking of carrots, this extra large, massive, heavy producer is what you want to plant for a stock carrot. Plant 2 pounds to the acre of this seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c, postpaid.

**IMPROVED LONG ORANGE**—This variety should not be planted for market use, although it has a good color and the same flavor as the Danvers, but owing to its

long, tapering growth it does not sell well for table use. It is grown extensively for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c, postpaid.

**GIANT WHITE BELGIAN**—Roots grow one-third above ground, are white below and green above ground; small tops, flesh somewhat coarse, roots large size, and is extensively grown for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c, postpaid.

**GIANT YELLOW BELGIAN**—They do not produce as large roots as the White Belgian; the flesh is less coarse. It grows about eleven inches in height and 3 to 3½ inches in diameter at the crown. Gives a large yield and is very easy to harvest. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c, postpaid.

## Celery

Celery is one of the main vegetable crops of Colorado. Next to cabbage it is the largest crop of vegetables produced in Colorado. While there are many varieties of celery, only three sorts prove profitable, namely: Hartner's Early Wonder, Golden Self-Blanching and Giant Pascal.

**CULTURE**—As each variety requires different culture we are giving growing instructions separately.

**GOLDEN SELF-BLANCHING CELERY**—This is the commercial variety. It is grown with success from California to New York, from Washington to Florida. It is very handsome, and after being taken from the ground will hold up a long time. It is the main crop grown for shipping.

Seed is started in hotbeds the middle of March and requires close attention, keeping the seed bed moist and giving plenty of air. Plants should be set out any time between the 1st and 20th of May. Best results are obtained from double rows, that is: set plants on each side of the irrigating ditch. Set plants from 6 to 8 inches apart in the rows, and double rows 3 to 3½ feet apart.

Self-Blanching Celery requires close attention and plenty of cultivation, as it is very injurious to the crop if the plants are allowed to stunt, which is caused from lack of cultivation and improper irrigation. Celery requires plenty of water, but water should not be allowed to stand in the rows.

After the celery is about ready to harvest it can either be bleached with boards or by banking with dirt. The former method is used when early celery is desired. But this method is quite expensive and growers of large fields bleach entirely with dirt, banking closely about the stalks. Very often this variety of celery will bleach without boards or banking, but it must be fully matured and ripe or else it will not bleach itself.

If grower desires to keep celery later than October 20th, it should be confined to trenches for protection against the cold.

Celery is one of the best paying crops, and not half enough planted in Colorado. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00; 1 lb., \$8.00. Postpaid.



Golden Self-Blanching.

### Hartner's Early Wonder Celery

**HARTNER'S EARLY WONDER CELERY**—This variety is a money maker for the market gardener. It is the most satisfactory summer variety for the home garden. Being a more vigorous grower than the Golden Self-Blanching it is taller and more stalky and is ready to use ten days earlier. It is not a self-blanching variety, but must be banked with dirt or boards. When ready for market it is very beautiful—the stalks are of a golden-white color and tops very dark green. It does not rust or blight like the Golden Self-Blanching. A few years ago we offered this celery to a few gardeners as a trial. One grower to whom we furnished a sample, sold over \$600 worth of celery from a little over one-third of an acre of ground. It does not yield more celery to an acre than other varieties, but is ready early when the market affords very high prices. Pkt., 15c; ½ oz., 90c; 1 oz., \$1.25; ¼ lb., \$4.00. Postpaid.

**SELECTED WHITE PLUME**—Almost self-bleaching. Its stalks and portions of the inner leaves and heart are so nearly white naturally that by closing the stalks, either by tying or simply drawing the soil up against the plants and pressing it together, the work of blanching is completed. It is very ornamental. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; 1 lb., \$2.50. Postpaid.

**SOLID KALAMAZOO**—Is a very fine celery, being late it is not self-bleaching. This celery when properly grown is extremely solid and crisp and possesses a rich, sweet and nutty flavor and is preferred by many to the Giant Pascal. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$3.50. Postpaid.



## HARTNER'S GIANT PASCAL (Special Strain) HOME GROWN

The most perfect, profitable and satisfactory type of Pascal Celery ever produced. Extra Early—Extra Large—Colorado Grown.

**HARTNER'S GIANT PASCAL**—For the past ten years we have been selling the French Strain of Giant Pascal Celery to our Market Gardener Trade, and it has always given satisfaction until in the last few years there has been numerous complaints of soft stalks. So we at once set out to find a better strain, and we found it. We call it "Hartner's Giant Pascal." This Pascal is an improved and highly developed strain of Giant Pascal, and is absolutely free from soft stalks. The seed is grown in Colorado. Its appearance and form are perfect, and its eating qualities are better than any celery ever offered for the table. It is free from strings and is crisp and sweet, and does not get soft. For the Market Gardener and winter celery growers there is none better. Its earliness and size make it the most profitable of all celery. By early, we mean that it grows to an enormous size and grows quick so that it can be wrapped in paper and bleached above ground weeks before frost. And it can be harvested and marketed from the field at the high prices that prevail for Early Pascal Celery. Thousands of dozens of celery are sold this way and the grower does away with trenching. Or else, it can be allowed to grow still larger and just before frost can be stored for the winter in trenches, keeping perfectly until spring. And when taken out it will be bleached and possess the rich, nutty flavor that is making it the favorite Pascal. Pkt., 15c; ½ oz., 50c; 1 oz., 80c; ¼ lb., \$2.50; ½ lb., \$4.00; 1 lb., \$7.00. Postpaid.

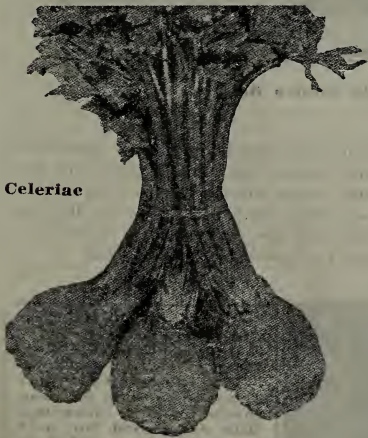
### Giant Pascal (French Seed)

**GIANT PASCAL**—Without a single exception Giant Pascal is the sweetest and best flavored celery grown, and on account of its fine keeping qualities it is considered the best winter variety. The plants are usually started in cold frames and planted in the open during the month of June, and as late as July 10th. To enable the grower to market this variety earlier than November 1st, ordinary newspaper is used to wrap about the stalk while growing in the field, and left so until the stalk, which was originally dark green, becomes whitened. Although Pascal, when treated in this manner, brings a very good price, it does not acquire as sweet a flavor as when trenched. Pkt., 10c; oz., 30c; ¼ lb., 80c; 1 lb., \$2.50. Postpaid.



Giant Pascal

### Celeriac, or Turnip Rooted Celery



Celeriac

Grown for the roots, which are large, turnip-shaped; tops very small. Although the consumption is limited, due to the fact that its eating qualities are so little known. For a salad it excels all other varieties of celery, having a fine flavor. It can also be stewed or used for flavoring. It may be stored like beets and will keep all winter. Pkt., 5c; oz., 20c; ¼ lb., 75c; 1 lb., \$2.50. Postpaid.

## Chicory

### Witloof-Chicory, or French Endive

**WITLOOF**—Is used principally as a winter salad, and it is most delicious served with French dressing. The seed should be sown in the open ground not later than June, in drills twelve to eighteen inches apart, and the seedlings should be thinned out to stand not closer than three inches. The plants form long, parsnip-shaped roots which are lifted in the fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. The roots should be planted upright about one and a half to two inches apart in a trench sixteen to eighteen inches deep. The roots when grown as above produce leaves which are delicious as a winter salad. Pkt., 10c; oz., 50c; ¼ lb., \$1.75, postpaid.

**IMPROVED LARGE LEAVED**—As the name indicates, the leaves of this sort are larger than the common kinds. This is a very superior variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c, postpaid.

**LARGE ROOTED BRUSSELS**—The roots are cut in thick slices, roasted for coffee. Leaves in the spring are also used for salads. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c, postpaid.

## Chives

(Chive Plants—See Page 67)

An onion-like plant. Tons used in salads and for flavoring soups. The plant also makes an excellent ornamental garden bed edging, which may frequently be cut, a new growth of leaves appearing soon after each cutting. One sowing will answer for about three years. Pkt., 5c; ¼ oz., 25c; oz., 75c. Postpaid.

## Chervil

A hardy plant which resembles double curled parsley and is used for flavoring and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.



Our Prices are Post-  
paid Up to and In-  
cluding Ten Pounds.

# Corn

## Sweet, or Table Varieties

WESTERN  
GROWN  
SEED

**CULTURE**—A rich, warm, alluvial soil is the best, but excellent sweet corn can be raised on any good, ordinary soil. If it is deeply and thoroughly worked before planting. In the West sweet corn should be planted as early as can be done without risking great loss from frosts or from rotting of the seed in the soil. If planted in rows, make the rows about four feet apart and place the seed 14 to 16 inches apart in the row, covering one inch deep with fine soil firmly pressed down. If planted in hills, make the hills for the early varieties three feet apart each way and plant six kernels to the hill. For the later sorts the hills should be not less than four feet apart each way. Hoe frequently, and when six inches high thin so as to leave three or four plants in the hill. Give frequent and thorough but shallow cultivation until the tassels appear.

**EXTRA EARLY ADAMS**—This variety is not grown for its eating qualities (as it is not very sweet) but is planted for the early market, as the higher prices that are paid for the first roasting ears make it profitable. **Postpaid**—Pkt., 5c; large size package, 10c; ½ lb., 15c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.75. If by express or freight at purchaser's expense, 5c per lb. less.

**EARLY GOLDEN BANTAM**—Is the sweetest, richest and most tender sweet corn grown. One of the finest. The ears are from 6 to 7 inches long, eight rowed, filled with broad, sweet, golden yellow kernels of a delightful flavor. It may be planted from ten days to two weeks earlier than most sweet corns, as it is not as apt to rot as many of the softer kinds. It is as early as the Cory and of much better flavor. It is always good, whether planted in the spring or during the summer. We advise all lovers of sweet corn to give "Golden Bantam" a trial. **Prepaid**—Pkt., 5c; large pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5 cents per lb. less.

**MAMMOTH WHITE CORY**—An early variety and a great improvement over the old Cory. The ears are handsome, even, broad-grained and very long for an early sort, bearing from two to three ears on a stalk, making it very productive. **Postpaid**—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**GOLDEN CREAM SWEET CORN**—A new and excellent variety of sweet corn, which has a very delicious flavor. The ears are medium-sized, the cob is slender and the kernels are pointed or shoe-pegged and grow in irregular arrangement on the cob, similar to the Country Gentleman, but when ready for eating the kernels are cream colored, but turn yellow like the Golden Bantam when cooked. **Postpaid**—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**EARLY MINNESOTA**—An old favorite early sweet corn. Good sort for the market and home garden. Stalks about 5½ feet high, bearing one or two long eight-rowed ears. Grains very broad, sweet and tender. **Postpaid**—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**PEEP O'DAY**—A very early small-eared variety of western origin. The stalks grow 3 feet high, are well leaved and average two fine ears to the stalk. Ears are small, about 6 inches long, well filled from butt to tip, having ten rows of small grains, which are very sweet. **Postpaid**—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.



Early Golden Bantam.

**SHAKER'S EARLY**—This variety is not very popular in this section, being second early, although the ears are not large, each stalk yields two or three ears. **Postpaid**—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.



Peep O'Day.

Mar. 21, 1917.  
The Western Seed Co.,  
Denver, Colo.

Dear Sirs:

Will you please put away 50 pounds of your special strain Howling Mob seed corn for me? I want the same kind as you sent me last year. I had the best corn sold on the Kansas City market, but run short. I am going to plant more this year.

Enclosed find \$10.00. Will send the balance when I tell you to ship. Please send me one of your new catalogs.

Yours truly,  
ERNEST DARROW.



## SWEET CORN—Continued

**EARLY MAY FLOWER**—In the Mayflower we offer you one of the earliest sweet corns, being ten days earlier than the Early White Cory. The ears are very much larger than the Cory, having 10 and 12 rows of kernels, and in quality will be found far superior in spite of its extreme earliness. The stalks are six inches to a foot shorter than the Cory.

No one appreciates the above merits in sweet corn more than the market gardener, for he realizes, to obtain the highest prices that are paid for corn, he must have it on the market early, and the corn must be of good size and sweet flavor, such as is produced by this wonderful corn.



Early May Flower.

From comparison we note there are offered two or three different strains of Mayflower Corn. And comparing them to our special strain we find that our stock cannot be equaled in earliness, size of ear and productiveness. Don't fail to get our genuine special strain.

Prices: Pkt., 5c; large pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.50. Postpaid. If by express or freight at purchaser's expense, 5c per pound less.

**EARLY EVERGREEN (Special Strain)**—The ears of this fine corn are 10 inches long, being mostly 14 to 18 rows; a magnificent kind for market gardeners and for main crop in the home garden. It ripens ten to twelve days in advance of Stowell's Evergreen and remains green a long time. Two plantings will extend until frost, but the ears are not quite as large as Stowell's. Postpaid:—Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**WHITE MEXICAN**—A somewhat new variety in this section, an early sort of extra good quality. Just as early as the Cory, but a larger and longer ear. Pure white; does not show the objectionable deep furrow between the rows. It is far ahead of anything of the season for size and quality. Postpaid:—Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**BLACK MEXICAN**—This corn when in condition for the table cooks remarkably white, but the ripe grain is black or bluish black. It is unsurpassed in tenderness and fine quality. Very desirable for family use. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, deduct 5c per lb.

**WHITE COB CORY**—The main variety of corn for early planting, being one of the first of the sweet varieties. The stalks are usually from 4 to 4½ feet high, each bearing two or three ears that have eight rows. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**NEW WHITE EVERGREEN**—Stalks 7 feet high, producing ears fully as large as Stowell's, but about five days earlier, and the grains remain tender considerably longer. Sixteen or more rows of deep grains, which

are of extreme whiteness, protected by a thick, heavy husk. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**STOWELL'S EVERGREEN**—This is the corn with the long, deep kernels; the kind you enjoy eating. This variety is the most widely known and best advertised of all late sweet corns, and therefore there is more Stowell's Evergreen planted for late crop than all other late varieties put together. The large ears of 18 to 20 rows of long, deep, juicy, tender kernels makes it such a favorite. It produces an abundant amount of fodder. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.



Country Gentleman

**COUNTRY GENTLEMAN OR SHOE-PEG**—The sweetest and by many regarded as the most delicious of all sweet corn. A very productive sort, bearing several ears on a stalk, medium sized, covered with small, very irregular, deep, pure white kernels. A late variety. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

**HOWLING MOB (Special Strain)**—Our special strain of Howling Mob seed corn has won the favor of our best market gardeners. It has been bred to produce corn ready for the market six to eight days earlier than the old strains; in fact, the special strain offered by us is such an improvement that it has often been taken for Stowell's Evergreen. The stalks are strong and vigorous, producing two to three extra large ears to each stalk and we have counted as many as 18 to 20 rows of pearly, tender grains to the ear.

Many growers in the vicinity of Denver had been saving their own seed for years, thinking it better than they could purchase from seed stores, but since we have introduced this special strain of Howling Mob, they have given up their private stocks and our special strain has taken their places.

This corn is not only a very profitable corn for the market gardener but is also a favorite for the home gardens.

Now, if you are interested in corn and intend to plant this year, we want you to give our special strain a trial, for we are certain that satisfaction will result. Postpaid:—Pkt., 5c; large size pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by express or freight at purchaser's expense, 5c per lb. less.

Pop Corn, see Page 23.



**Cress**

These prices postpaid.

**Corn Salad**

**GARDEN CRESS OR PEPPER GRASS**—Much used with lettuce, to which flavor it adds an agreeable pungency. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**TRUE WATER**—The pleasant, peculiar flavor of water cress makes it one of the most delicate salads for table use. It will grow where there is a supply of good fresh water. Pkt., 5c; oz., 60c; ¼ lb. \$2.25.

**CORN SALAD**—A most refreshing salad. Hardy, much used during winter instead of lettuce. May be sown either in the spring or fall. Pkt., 5c; oz., 20c; ¼ lb., 60c.

# Cucumbers

(Prices on Cucumbers Postpaid)

**HOW TO GROW CUCUMBERS.**

As soon as the weather has become settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill. Cover one-half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects, thin out to three or four plants to a hill. Cultivate and hoe often until the plants begin to make runners or vines.

**LONG GREEN**—This is an old long green variety, being longer and darker green than the White Spine, but not quite so productive. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

**EVERGREEN WHITE SPINE**—A very productive variety, although not as green nor as long as Davis Perfect, being somewhat thicker than the other varieties. For pickling and slicing combined this is our selection. Postpaid:—Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**DAVIS PERFECT**—This is the popular cucumber so greatly used by all market gardeners, being productive, dark green in color, and grows 8 to 14

**IMPERIAL**—This cucumber which we are introducing is by far the best cucumber so far offered, as it is longer, greener and more perfect in shape than the Davis Perfect or the Fordhook Famous. For outdoor planting this is without a doubt the best to plant. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25. See **NOVELTIES**—Page 4.

**KLONDIKE**—This sort is a leader in many of the Eastern markets for early or late crop. Fruits are of the improved White Spine shape, although they do not show as much white at the tips as the White Spine. They are long, of a deep green color, very productive and extremely early. Postpaid:—Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**CHICAGO, or WESTERFIELD PICKLING**—A variety grown extensively for the large pickling establishments throughout the country. Fruit is medium, pointed at each end, deep green color. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**BOSTON PICKLING CUCUMBER**—This type of pickling cucumber is one of the old standards that has been in use for many years and, like the Chicago Pickling, is being used by many of the factories. The fruit can be used for any kind of pickles from the Gherkins to the Dill. For home use this is the favorite on account of its being so prolific. Postpaid:—Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Our Cucumber Seeds are all Colorado grown, and will produce heavy crops.

**Davis Perfect**

inches in length, having few seeds, and remains green a long time. A good keeper. Postpaid:—Pkt., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

**Snow Pickling**

**SNOW PICKLING**—A new variety esteemed by growers and pickle factories above all others for pickling. It is an early maturing, very small, dark green pickle, cylindrical ends rather blunt. The stock we offer is true. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**FORDHOOK FAMOUS**—This cucumber is the True White Spine type. The vines are vigorous, producing an enormous crop of perfectly smooth, dark green fruit, measuring 8 to 12 inches in length. They are always straight, never turn yellow and are extremely solid. Flesh firm and white and most delicious in flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**ARLINGTON**—A selection from the Early White Spine which is more crisp and tender and of a very dark green color so that the variety is considered by many to be one of the best for small pickles. Postpaid:—Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**JAPANESE CLIMBING**—A vigorous grower; can be trained on a trellis; fruits from 12 to 16 inches long, dark green and smooth, flesh pure white, crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

## DANDELION

**FRENCH COMMON**—This is considered by many as the best variety and is by no means the same as our wild dandelion, being greatly improved. It is grown for the leaves, which are used as spinach and salads, roots being dried and sold for medicinal purposes. Pkt., 5c; oz., 25c.

## EGG PLANT

This vegetable is hard to grow compared to corn, beans, carrots, etc., although a great many growers have good success. Egg plants are a decidedly paying crop.

**CULTURE**—In February or March sow in hot-beds and keep warm. When two inches high, transplant to pots or to good rich soil, and about the middle of May set out in the open three feet apart each way. Egg plant must have deep and thorough cultivation.

**EARLY TOKIO**—Earliest variety and not as large as the New York Improved, but longer in shape. It should be planted only when early fruit is desired, but we do not advise it for a main crop. Postpaid:—Pkt., 15c; oz., 40c; ¼ lb., \$1.25.



**EGG PLANT**

(CONTINUED.)

**NEW YORK IMPROVED**—Imported Special Strain Spineless. This is a well known standard, bearing large, entirely spineless fruit of a purple color. The plants are very productive and the fruit regular and well colored, the calyx and stem are free from spines. Pkt., 15c; oz., 60c; ¼ lb., \$1.75. Postpaid.

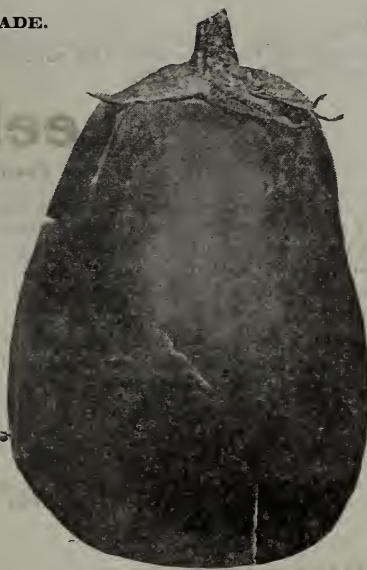
**BLACK BEAUTY**—Ten days to two weeks earlier than the New York Improved; fruit a little longer in shape and slightly darker. It is entirely free from spines around the corolls. Is of dark, rich, purplish-black color. Very attractive. Splendid for either early crop or very late planting. It is a healthy grower and a remarkable yielder. Pkt., 15c; oz., 60c; ¼ lb., \$1.75.

SELECTED SEED FOR CRITICAL TRADE.

Also See Page 44.



Black Beauty



New York Improved

**Endive**

**GREEN CURLED**—Leaves finely cut and curled, presenting a very fine appearance. Postpaid:—Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**BROAD LEAVED BATAVIAN**—Broad, thick, wrinkled leaves form a very large head. Much used in soups and stews; also makes excellent salad. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**Garlic**

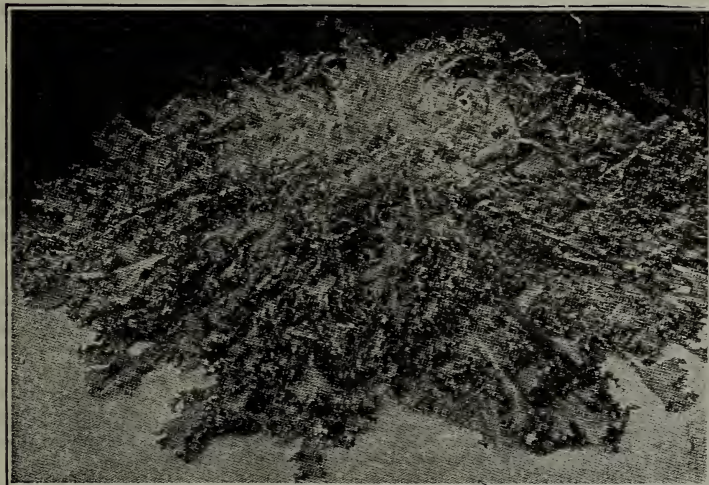
A bulbous, rooted plant of the onion family, having a strong odor, but much esteemed by some for flavoring in cooking, etc. We can supply the bulbs only, which are set out in the spring as are onion sets, multipliers, etc. 1 lb., 60c; 10 lbs., \$5.00. Postpaid. Large amounts less.

**Horse Radish**

This well known vegetable needs no description. It produces no seeds, and is planted from roots only. Roots 30c per doz., postpaid. See page 67.

**Kale**

**DWARF CURLED SCOTCH**—Most popular variety for general use. Leaves much curled and very tender; color bright green. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.



Green Curled Endive

**Kohl Rabi**

This vegetable, when young and tender, is fine for table use; when matured keeps splendidly, and is fine for soup flavoring. For early use, sow in hot-beds, transplant and cultivate like early cabbage. For winter use, sow in rows in the middle of June or first of July, transplanting or thinning to eight inches apart.

**EARLY WHITE VIENNA**—Skin light green, flesh white. leaves smooth and short. Well adapted for forcing. Pkt., 5c; oz., 25c; ¼ lb., 60c.

An order from you this year from this catalog will assure you a copy of our big 1922 catalog, which will contain several new varieties of Garden and Field Seeds that we are testing this season.



Early White Vienna Kohl Rabi



Gents:

The past season my ten acres of Enkhuisen Cabbage averaged twenty-six tons per acre. Be sure and save for me three pounds of same seed for next year.

Weld County,  
Dec. 18, 1918.

K. KATAKURA.

## Leek

(Prices Postpaid)

A species of onion which does not form a bulb but is used for its mild, delicious root, stem or neck. It can be planted in rows, and the young plants thinned to about four inches. When well grown, hill up with earth to get a long white stem. Leek is a vegetable of unusual merit, and is not half appreciated by the American people.

**BROAD LONDON**—(Large American Flag)—This is a strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**GIANT CARENTAN**—The largest variety, though the stems are not so long as some of the other varieties. Leaves are very broad. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**LARGE ROUEN**—A very good, strong growing variety, forming large stems of good flavor. Pkt., 5c; oz., 30c; ¼ lb., \$1.00.



## Giant Canadian

**GIANT CANADIAN**—This Leek is a very good vegetable although not very well known to the American kitchen, but wherever tried it has been given a permanent place among the vegetables. It is a species of the onion family but much sweeter and milder than the onion, being used mostly for flavoring where the mild onion taste is desired or it can be boiled the same as boiling onion and served with butter, salt and pepper. They should be started early in the spring, indoors, and transplanted to the open after danger of frost. Giant Canadian Leek is the largest species ever introduced. Any one trying it is bound to be pleased. Pkt., 15c; 1 oz., 50c; ¼ lb., \$1.75

## Lettuce

(Prices Postpaid)

Lettuce is the king of vegetables grown for salads, and no garden or farm is complete without a bed of lettuce. Lettuce when grown for the market is one of the most profitable vegetables produced.

After you have harvested your crop of early cabbage, turnips, etc., you have plenty of time to secure a good crop of late lettuce from the same piece of ground before frost.

**LETTUCE CULTURE**—(Out-door Planting)—Lettuce can be sown either broadcast or drilled in rows, but in either case must be thinned out, leaving the plants about six inches apart, so that they may have room to form a head. Before planting the seed, however, the ground must be thoroughly worked and a perfect seed bed must be prepared. Immediately after the third leaf starts to show start thinning and hoeing, being sure to cut out all the small weeds. To assure perfect, well-headed lettuce, patches should be hoed and weeded three or four times through the growing period. Lettuce should be full grown five or six weeks from planting.

**CULTURE**—For winter forcing—Make sowings from September to February. Sow the curled varieties about every four weeks, the Head or Cabbage sorts about six weeks apart. As one crop is cut out another may be planted. For early spring crop sow under glass in January or February, and transplant in the open. For fall planting, sow the hardy varieties in September and transplant, when large enough, to cold frames nine inches apart.

### Head Varieties

**RED EDGE VICTORIA**—For early spring this sort is unequalled, resembling the Big Boston, only smaller and earlier. Will not stand the heat. Also desirable for fall planting. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

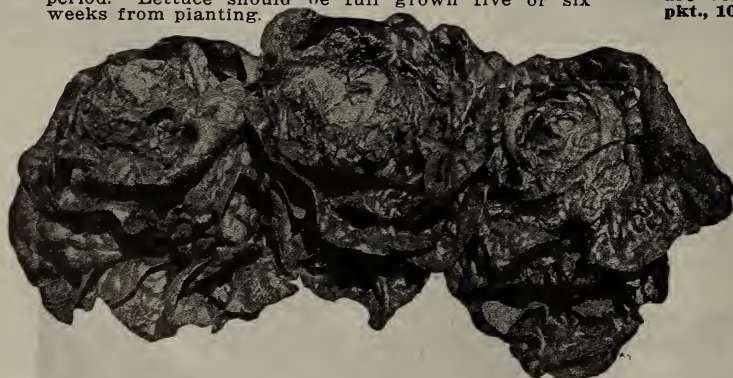
**TENNIS BALL OR IMPROVED TENNIS BALL**—Does well for early as well as summer planting and forms a medium sized head, very desirable for the family table. Inner leaves are of a rich golden cream and are very tender and palatable. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

### SHIPPER'S FAVORITE—Best French Seed

—This is the standard head lettuce for early spring and fall planting. It produces heads of immense size and as hard as cabbage. This variety was first introduced by us several years ago. We quickly recognized its superior qualities over other sorts as an early producer. It matures before the real hot days set in, the heads are equally as large as the "Big Boston," but do not show the red edge. It is demanded by the shippers in preference to any other kind for early summer shipments. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

### Iceberg

**ICEBERG**—A beautiful Lettuce, with large, curly leaves of a bright, light green, with a very slight reddish tinge at the edges. Handsome heads, unusually solid because of the natural tendency to the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender and fine flavor. Pkt., 5c; ½ oz., 10c; 1 oz., 20c; ¼ lb., 75c; 1 lb., \$2.00.



**We are Market Gardeners'  
Seedsmen.  
That Means Quality Prevails.**





Big Boston

and is considered the standard for shipping. Postpaid: Pkt., 5c; large size pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

## New York Wonderful or Los Angeles Market

### GOLD SEAL QUALITY

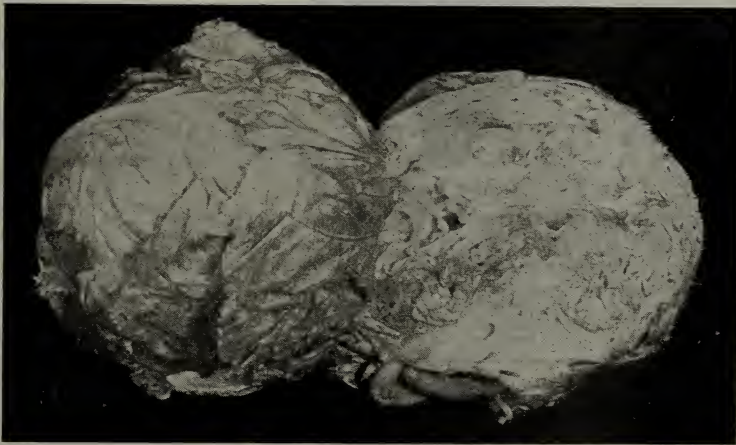
**NEW YORK-WONDERFUL or LOS ANGELES MARKET**—This variety produces very large, solid heads, the interior of which is beautifully blanched a creamy white, very crisp, and of excellent flavor. The leaves of this head lettuce are somewhat curled. It is one of the surest heading varieties and stands the heat and dry weather better than most sorts.

The adjoining cut shows two heads of Los Angeles Market Lettuce stripped of their outer leaves, thus enabling you to get an idea of the cabbage-like formation of this variety. The two heads in this picture weighed a fraction over 4 pounds.

On account of its large size one must be sure to thin down to 14 to 16 inches in the row, giving it ample room to thrive and head. When fully matured it is considered the finest sort either for the table or shipping trade.

The seed of this variety, that we are offering, is a special strain that is grown for us exclusively by one of the most careful and efficient lettuce seed growers of the West. It would be impossible to secure a more perfect strain.

Last summer we shipped over 100 care of this lettuce to Eastern and Southern Markets. It outsells all other varieties, in fact, many markets will use no other variety, because of the flavor and solidity of the heads. We have seen heads so solid that a man could stand on one without crushing it. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.00. Get special prices on larger amounts.



New York-Wonderful or Los Angeles Market.



May King

**MAY KING**—It has solid round heads, and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled. The plants grow 5 to 6 inches in diameter; the outer leaves are so closely folded, the plant is practically all head. It is hardy, as well as very early, and a quick grower. Leaves are a light green, the outer leaves slightly tinged with brown, inner leaves a bright yellow. In flavor it is particularly rich, buttery and tender. May King has certainly been highly appreciated whenever grown or tried, and is sure to become popular both in home or market gardens where an early buttery head lettuce is wanted. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

**We Aim to Satisfy the Most  
Critical Trade**



Mr. August Center, of Welby, Colo., says that he has been growing Head Lettuce for fifteen years and during that period has tried almost every seed house in the West for a perfect strain of Big Boston Head Lettuce and found our French Strain to be superior to anything ever tried and says he sure and save me 15 pounds of Big Boston Head Lettuce, Stock No. H-129, and also 10 pounds of David Crockett Onion Seed. My crop of these last year was perfect.

**BIG BOSTON (Black Seeded)**—An ideal head lettuce that is equal in every respect to the Big Boston "White Seeded" in growth and habit, but will stand the severe test of the hot sun better than other sorts. The heads are sold and compact. The inner leaves are a rich cream color, very crisp and tender. To insure good heads thin the plants to 6 or 8 inches apart in the rows, and keep the weeds away. Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., \$1.00. Postpaid.

**HANSON**—A very fine large-heading variety; leaves curled on the edges; light yellowish-green. Heads

crisp and brittle, with very fine flavor; very best home garden variety. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**CALIFORNIA CREAM BUTTER, OR ROYAL SUMMER**—A popular variety for autumn use, forming a large head, which is very buttery, and of a rich golden color inside. Leaves thick, bright green, slightly tinged with brown on top of the head; outer leaves somewhat spotted with inconspicuous brown spots. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

## CURLED, OR LEAF VARIETIES OF LETTUCE

(Prices Postpaid)

### Grand Rapids

**GRAND RAPIDS**—(Selected Stock)—Especially adapted for the greenhouse culture in the winter; also the best lettuce to sow outside for the summer market, and recommended for the family use.

Grand Rapids is what is known as a curly or leaf lettuce. It does not form a head but forms compact bunches of curly and wrinkled leaves. It has been the favorite of the market gardeners in this vicinity for a number of years. It is extremely early, very hardy, tender, crispy, and of rich green color which makes it a favorite wherever grown.

Grand Rapids Lettuce is an improved strain of the Simpson Lettuce and was never known to fail to produce a good crop. Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**DENVER MARKET**—(Early Ohio)—From the name Denver Market, one would think this an entirely American variety of lettuce, but this is exclusively a French lettuce, being one of the oldest varieties. Known in that country as Nonpareil. It was first used in this country by the gardeners about Cincinnati, Ohio, and then known as the Early Ohio, later introduced by local seedsmen, and renamed Denver Market. It is now sold throughout the United States under at least a dozen different names. In this section it is considered a leaf lettuce, although if grown in the open it forms a nice large head. Used some for forcing in hot-beds, not being so well adapted for hothouse forcing as the Grand Rapids. Pkt., 5c; large size pkt., 10c; 1 oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**PRIZE HEAD**—A large, loose-headed variety; leaves are large and very curly, bright green color; tinted on the edges with reddish-brown and very crisp and of fine flavor. Not considered very profitable for the market, but one of the most desired for home gardens. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**CALIFORNIA CURLED**—Forms a close, compact mass of curly yellowish-green leaves. Good for cold frames or early planting for outdoors. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

Grand Rapids.

**BLACK SEEDED SIMPSON**—Forms large, loose heads; leaves thin and exceedingly tender, of light green color; used for forcing and outdoor planting. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**PARIS WHITE COS**—Grows to a very large size, producing long-pointed, compact bunches. Inner leaves blanch readily and are of extra fine flavor. Pkt., 5c; large size pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

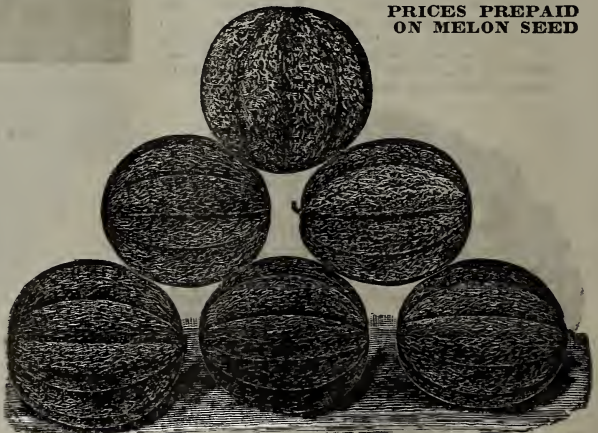
## Muskmelons

**CULTURE**—Plant the seed in hills six or eight feet apart each way, dropping 8 to 10 seeds in a hill. After the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation until the plants make runners so long that it is impractical. Rich earth for the young plants is far better than manure, but if the latter is used see that it is well rotted and thoroughly mixed with the soil.

**BURRELL'S GEM**—One of the best yellow fleshed melons. It is excellent for shipping and is a desirable, intermediate sort for the home garden. The fruits are medium sized, oval, slightly ribbed, covered with gray netting. The flesh is firm, fine grained and of highest flavor. The color is rich, deep orange-yellow. The flesh extends to the rind and retains its color and quality quite to the outer shell which, though thin, is very hard and firm. The vines are very vigorous and productive. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

We are always on the alert for better strains of seeds for the market gardeners.

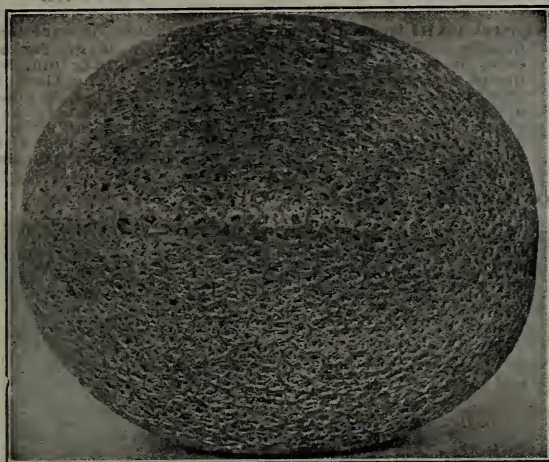
PRICES PREPAID  
ON MELON SEED



Burrell's Gem.



## Cantaloupes—Continued. See Page 48



Select Rocky Ford Pollock Strain.

The handsomest, best netted and most profitable melon in existence.

**SELECT ROCKY FORD POLLOCK STRAIN—(Rust Resistant)**—This is the highest development of the Rocky Ford Cantaloupe, both in netting and rust-resisting qualities. This melon has a solid net over its entire surface. The meat is light green and very deep and of fine sweet flavor. It is highly rust-resistant and under conditions when other strains rust badly, the melon of this strain remains green and thrifty and bears fruit. It yields a heavy crop of uniform standard sized melons. Our seed has been selected from finest types of melons. We especially recommend this seed to gardeners who grow melons for the market or shipping. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

**PETOSKEY OR PAUL ROSE**—A well known yellow fleshed sort, suitable for the home and market. The vines are vigorous and productive. The fruits are oval, slightly ribbed and densely netted. In general appearance they are much like Netted Gem but larger. The flesh is orange-yellow, very thick, firm, sweet and highly flavored. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**NETTED GEM**—This has become one of the most popular of small or crate melons and is shipped in large quantities from Colorado. It is also a desirable medium early sort for the home and market garden. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely covered with fine netting. The flesh is green, very sweet and highly flavored. We offer an exceptionally fine stock of this early sort, the fruit being very uniform in shape and quality and of the even size that is so desirable in a shipping melon. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

**EXTRA EARLY HACKENSACK**—Produces melons two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor. Its shape and solidity admit of its being packed very closely in crates for shipment, and it will keep in good condition for several days after picking. Large, fine form; grown also for the home garden very extensively. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**ACME, OR BALTIMORE**—One of the best all-round muskmelons in cultivation and recommended for its uniform shape, size and fine quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**LONG ISLAND BEAUTY**—This muskmelon is of large size, well flattened, heavily ribbed and netted. Handsome in appearance and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**EMERALD GEM**—A salmon-fleshed variety of fine flavor and fine quality. Fruit medium sized, globular, slightly flattened at the ends. Skin slightly netted. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**OSAGE**—A fine yellow fleshed melon; good size; a good melon for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**BANANA**—Very odd cucumber-shaped muskmelon from 17 to 20 inches long. Flesh yellow; highly scented and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.



Delicious Gold-Lined Rocky Ford.

**DELICIOUS GOLD-LINED ROCKY FORD**—A new strain of the genuine Rocky Ford Cantaloupe, and the finest ever introduced, being slightly oval and uniform in shape. When ripe and ready to cut the flesh is dark green in color near the rind turning to a pale cloudy green near the seed cavity. The cavity is small and is lined with a beautiful golden color which gives it its name. The meat is thick and is exceptionally sweet and luscious and may be eaten close to the rind. There is no doubt but that the Gold-Lined Cantaloupe will be the favorite of every garden, large or small, wherever tried. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**OLD FASHIONED MUSKMELON MIXTURE**—We have especially prepared a mixture of many varieties of muskmelons that contains seeds of every kind we could think of. From a patch of muskmelons produced from this mixture one will have muskmelons to eat throughout the entire season. The mixture includes all the old fashioned sorts of early and later kinds, green-meated and golden-meated. Melons with smooth skin and others with deep ribs. And after we had mixed all the old fashioned varieties together, we threw in a few of the newer sorts which includes the Honey Dew, Greeley Wonder, etc. It will be interesting and pleasing to have a patch of melons like this. Pkt., 10c; oz., 20c; ¼ lb., 40c, postpaid.

**HONEY DEW**—See Page 4.

**GOLDEN QUEEN**—See Page 4.

**NETTED ROCK KING**—See Inside Front Cover.

## Cassaba (Postpaid.)

**CULTURE**—They should be planted and cultivated the same as muskmelons, and just before the first frost they should be gathered and stored in straw or in cellars, until November or later.

**GOLDEN BEAUTY CASSABA**—One of the best of the autumn Cassabas, resembling in appearance a golden yellow plum pudding with the top cut off. Of medium size, six to eight inches in diameter, easily grown, very prolific. The fruits are easily handled, being firm and heavy. Golden Beauty ripens early in September and fruits can be kept until well into December. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

**WINTER PINEAPPLE CASSABA**—The best of the winter varieties, ripening after harvest and keeping in eating condition, if properly handled, until well into February. The fruit is dark sea green, while mottled with green at the base; rather large in size, being ten to twelve inches in diameter; very heavy and firm as a rock. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

## Preserving Melons (Postpaid.)

**VINE PEACH**—Very similar to Garden Lemon, used for preserving. Pkt., 5c; oz., 15c.

**GARDEN LEMON**—An excellent fruit for preserving, has a delicious flavor. Pkt., 5c; oz., 15c.

**CITRON, RED SEED**—Round and handsome, excellent for preserving. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**CITRON, PRESERVING, GREEN SEED**—A small, ball-shaped variety, brightly striped with light and dark green. Flesh green, with green seeds. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.



OUR SEED IS  
COLORADO GROWN  
AND TESTED

# Water Melons

PRICES ON  
MELON SEED ARE  
POSTPAID

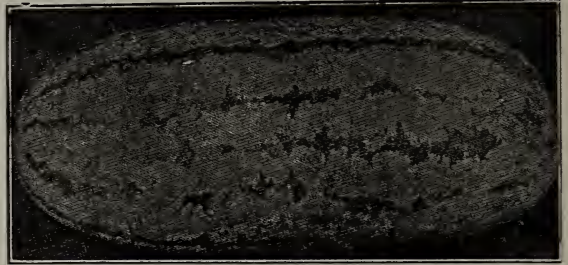
**CULTURE**—The soil for Watermelons must be light, rich and sandy, for if grown on a heavy soil the quality will be poor, and they will not be so early. To make certain of raising good Watermelons, it is essential that the plants have a good start, and to this end it is important to prepare hills about eight feet apart, by thoroughly working into the soil an abundance of well rotted manure. When the ground is warm and there is no more danger of frost, drop 8 to 10 seeds in hills eight feet apart each way, covering about  $\frac{3}{4}$  inch deep. As soon as plants commence to run, thin out to three best plants in a hill and cultivate until vines cover the whole ground. If slow to fruit, pinch off the ends of the growing shoots.

**GEORGIA RATTLESNAKE**—One of the oldest and most popular sorts, and frequently known as Gypsy. A large oblong variety with decided stripes of light and deep green. Rind is tough, but the flesh is of good quality and bright red; a good shipping and market melon. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**BLACK DIAMOND**—This melon grows to a very large size; color dark green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

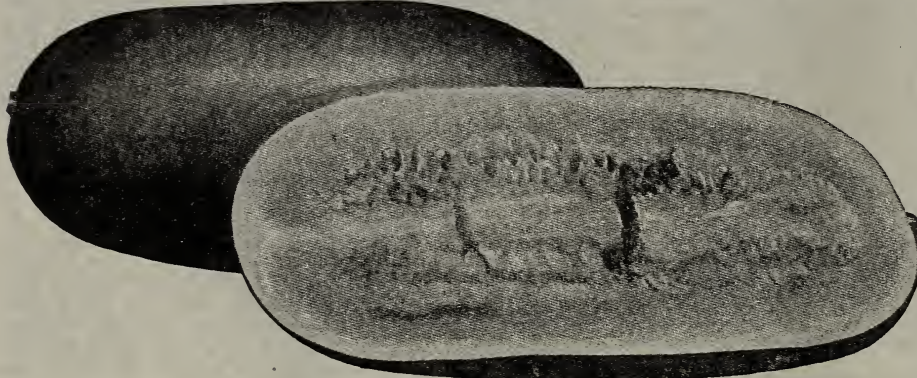
**HARRIS' EARLIEST**—An extra early melon of excellent quality. The fruits are exceptionally large for so early a variety, slightly oval with irregular mottled broad stripes of light and dark green. The flesh is bright red, sweet and tender. Seed black. The vines are vigorous and productive. One of the best varieties for northern latitudes. We tried it for several seasons and are convinced that it is the very best first early melon for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**ROCKY FORD**—Same as Kleckley's Sweet.



Georgia Rattlesnake

THE FINEST OF ALL WATERMELONS FOR HOME GARDENS AND LOCAL MARKETS.



Halbert's Honey

**HALBERT'S HONEY**—Ex-cels Kleckley's Sweet, which it resembles slightly. The vines are of strong vigorous growth and many large melons are frequently seen clustered closely together. The melons average 18 to 20 inches long and are full or a little blunt at the ends. The meat is a deep red color and free from stringiness; seeds white. The combination of a dark green rind, bright red meat without strings, and the delightful delicious flavor make it a favorite. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## KLECKLEY SWEET OR ROCKY FORD

—The finest of medium early watermelons, and very popular wherever it has been thoroughly tested. It is of superb luscious flavor. While the skin is perhaps too thin to admit of the melon being shipped very great distances to market, it is most desirable to plant for home use or local markets. The melons themselves are very large and oblong in form, with dark green skin, thin rind, which is very brittle. Flesh is bright scarlet with solid heart, deliciously crisp, sugary and splendid in every way. The melons average from 18 to 20 inches in length by 10 to 12 inches in diameter; of handsome appearance. Ripen early, and is most desirable for the home garden.

Our seed is Colorado grown, and selected from first class, well matured melons. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**TOM WATSON**—A novelty in watermelons, and of sterling merit. The fruit is very large. Many melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. Its rind is very thin, but exceedingly tough, and on this account it is one of the very best shipping varieties. The skin is a dark mottled green, while the flesh is a brilliant scarlet, and the heart is very large with a small seed area. The flavor is most delicious and refreshing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Kleckley's Sweet

**ICE CREAM OR PEERLESS**—One of the best early sorts for the home garden and for market gardeners who deliver direct to consumers. The vines are moderately vigorous, hardy and productive. The fruits are very tender, medium sized, oval to medium long, bright green, finely veined with a darker shade. The rind is thin. The flesh is bright scarlet, solid, crisp and very sweet. Seed white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**COLES EARLY WATERMELON**—One of our best early varieties. It is to be classed as a round melon but is slightly oval and of fairly good size for an early sort. The rind is medium thick; the flesh bright scarlet and of excellent flavor. It is termed one of the sweetest melons in cultivation. A dandy melon to grow where seasons are short and the later kinds do not mature. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



## Mushroom Spawn

Thirty-two page publication on Mushroom Culture, 15c. We offer below the following standard Pure Culture varieties:

One Brick, postpaid, 35c; five Bricks, postpaid, \$1.50; not postpaid, 10 Bricks, \$2.25; 25 Bricks, \$5.00.

With every order of 5 Bricks or more we will send the above publication free.

**American Spore Culture Spawn**, produced from the original spores of the best varieties, gathered, germinated and propagated under the famous French process. Positively the most vigorous and prolific spawn on the market.



American Spore Culture.

**Lambert's Pure Culture Spawn**, produced by the tissue culture method. The spawn which has held the market for so many years, and has given universal satisfaction.

## MUSTARD

(Prices Postpaid)

**GIANT SOUTHERN CURLED**—Very large variety, forming a great mass of beautiful leaves which are ruffled and finely curled on the edges. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**WHITE LONDON**—The leaves are light green, mild and tender when young. The seeds of a light yellow color. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

**OSTRICH PLUME**—The most beautiful of all mustards. The leaves are long, ruffled and curled as gracefully as an ostrich plume. Stands summer heat splendidly, esteemed as salads and good as spinach greens. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

## OKRA or GUMBO

(Prices Postpaid)

**CULTURE**—When the ground has become warm, sow thickly in drills 3 feet apart, and when large enough, thin out to a foot apart in the rows. One ounce will sow 30 feet of drill.



Dwarf Okra.

**DWARF GREEN**—The plants are dwarf, close jointed, producing thick fleshy pods of exceptional tenderness and flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

**TAIL, OR PERKINS MAMMOTH**—The long pods, measuring 4 and 5 inches, are produced in great quantities. Handsome appearance, color, green, and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

## PRICES ON ONIONS POSTPAID

# Onions

## SELECTED STRAINS

**CULTURE**—A crop of onions can be grown on any soil that will produce a crop of corn, but with the liberal use of manure far better results will be obtained. The ground should be plowed in the fall and in the spring should be well worked and pulverized, allowing no lumps or trash to mar the surface. The seed should be sown in the latter part of February or first of March, with a hand seed drill, which should be carefully adjusted so as to sow the desired quantity and about ¼ inch deep. The quantity of seed needed will vary on the soil, the seed used, and the kind of seed. As soon as they show through the ground give them a very light hoeing, and repeat again in a few days, after which weeding must be done, and must be repeated whenever weeds appear until the tops die down, then they should be topped and the bulbs allowed to dry before sacking.

**EXTRA EARLY WHITE BARLETTA**—(Imported Strain)—The earliest onion in cultivation, maturing when about the size of a marble. On account of its small size and mild flavor it has become the most popular pickling onion grown. And just before it starts to form a bulb it makes an extremely pretty bunch onion. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.25.

**GIANT GIBRALTAR**—(Spanish Type)—The largest onion in cultivation—exceptionally mild and sweet. The skin is a light straw color; the flesh is white and tender. These onions can at any time during the growing state be used for slicing for the table. Five years ago we induced a few onion growers to try a row or two of this variety to see if they would do good in this climate. They reported a too short season for out-door planting, but when sowed in the hot bed and transplanted they produced onions that would weigh 3 to 4 pounds each. The Gibraltar is a good shipper and where a large yield is desired this extra large onion never disappoints. It will yield more tons per acre than any other sort. But remember these onions should be raised from the plants. If you are unable to raise the plants we can furnish you with any amount desired. Pkt., 10c; oz., 30c; ¼ lb., \$1.10; 1 lb., \$3.50. Plants, per 50 plants, 25c; per 100 plants, 35c. Write for special price on large amounts.

**WHITE VALANCE, SILVERSKIN**—A standard boiling onion of silvery white color forming fine, firm bulbs. It should be planted as a main cropper for boiling onions and the young tender plants are much relished for table use. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.00.

**SOUTHPORT WHITE GLOBE**—The onions are two to two and a half inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color, and very mild in flavor. The bulbs should be stored in a cool, dark loft or shed to dry as soon as they are ripe enough to harvest. Best white winter onion. Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.00.

**NEW QUEEN**—This is the earliest variety of all onions for marketing, and when bunched commands a very good price as a boiling onion. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.25.

**MAMMOTH SILVER KING**—The largest silverskin onion grown, but not early. It matures along with our Danvers Yellow Globe and produces a large almost round, solid bulb that can be stored for winter use. But on account of its large, perfect shape and pure white color it is planted extensively as a boiling onion, in which case it is pulled green and bunched. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.25.

**GIANT WHITE ITALIAN TRIPOLI, OR EL PASO**—A large, beautiful, pure white, flat onion of mild, excellent flavor, producing a somewhat larger bulb from seed than our White Valance. To attain full size the seed should be started very early in a hot-bed and the plants set out in rich soil. Pkt., 5c; large size pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.25.

An order from you this year from this catalog will assure you a copy of our big 1922 catalog, which will contain several new varieties of garden and field seeds that are being tested by us this season.

## ROOT CROP COLLECTION

This collection contains root vegetables. Because of their keeping qualities and food value they are being planted extensively each year.

We supply a liberal package of each of the following for 70c POSTPAID. Regular price, \$1.00.

**BEETS**—Extra Early Egyptian  
**BEETS**—Early Blood Red  
**CARROT**—Danvers Half Long  
**CELERIAC**—Turnip Rooted Celery  
**LEEK**—Broad London Flag

**ONION**—Yellow Globe Danver  
**PARSNIP**—Guernsey  
**RADISH**—Scarlet Turnip White Tip  
**RADISH**—Cincinnati Market  
**SALSIFY**—Mam. Sandwich Island

**TURNIP**—White Egg  
**TURNIP**—Purple Top  
**RUTABAGA**—Bangholm  
**25 POTATO EYES**—Early Ohio



## Prizetaker Onions

### HARTNER'S SPECIAL STRAIN

We consider this the best onion for the market gardener who desires a large, early onion to supply the early demand and bring good prices which usually follow after the onions grown from sets have been marketed. They produce an enormous yield of large, solid bulbs, and being a Spanish variety, this onion is milder than any of the Danvers. Although it has wonderful merits, it should be marketed before the middle of November, as its keeping qualities are limited to only a few months. Even better results may be obtained from this wonderful onion when the seed is started in hot-beds and transplanted into the open. This onion is often sold in competition with the imported Spanish onion. Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

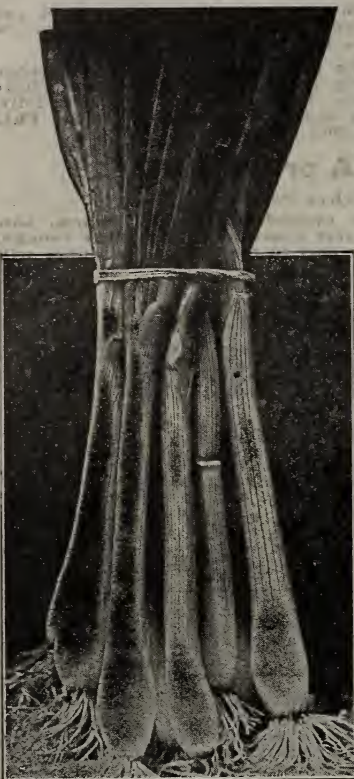
### ABOUT THE PRIZETAKER

Our attention has been called to the merits of this onion several times and we are about convinced that the Prizetaker is sure the best onion to plant for the early dry onion market. The Prizetaker will mature one week to ten days earlier than the David Crockett, Danvers Yellow Globe, or any other variety of Yellow Globe. It will yield more to the acre than any of the above.

A few years ago Mr. J. P. Coressel formerly of Wheatridge, Colo., secured 15,730 pounds of solid, even sized, beautiful onions from one-half acre of ground. Not only Mr. Coressel but many other onion growers have selected the Prizetaker as their main early onion and speak highly of it as a money maker. We want every onion grower to try this onion, if not in a large way, just put in a few for we are certain it will please.



Prizetaker  
Hartner's Special Strain



White Lisbon

## White Lisbon

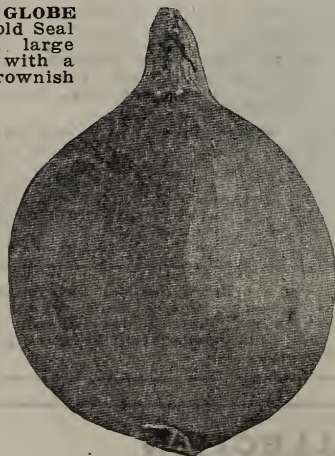
**WHITE LISBON—(For Bunching)**—This is a very popular variety in Colorado. Also planted very extensively in Europe. While it will make a good sized white bulb, it is grown instead of shallots and onion sets for what is known as table or green onions, for when young the white or candle part of the onion is pure white, long and slender. It has a good flavor, being mild and sweet. Home gardeners usually plant White Lisbon so as to have table onions all during summer after those produced from sets are gone. Price: Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

## Hartner's Yellow Globe (Special)

### HARTNER'S YELLOW GLOBE

—This wonderful, Gold Seal Product is a fine, large globe-shaped onion with a sort of a rich brownish color. It ripens uniformly and early; almost every plant makes a solid hard bulb that is considered a fine keeper. Hartner's Special is one of the handsomest of the Globe Onions and as solid as a rock. We do not hesitate to recommend it to all large growers who want a fancy and profitable market onion. The most critical onion growers in this section have informed us that this is, beyond a doubt, one of the very best onions ever introduced. The demand that this onion has created among the onion buyers of this state stands as proof that it is the market gardeners' kind, for it will out-sell other types. And when one grows for the market he wants something that will sell. Postpaid:—Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.75.

Hartner's Yellow Globe (Special)



**AUSTRALIAN BROWN**—An extra early, sure crop and long keeping onion; of medium size, wonderfully hard; very attractive, both as to form and appearance; color of skin is a clear amber brown, being widely contrasted from any other onion. Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

### SPECIAL STRAIN SOUTHPORT YELLOW GLOBE—

Southport, Conn., has for many years been famous for the extra fancy onions which are shipped from that point to the principal Eastern markets. These onions have been brought up to the highest standard. Productiveness, uniformity in size and good keeping have been bred into them. They produce large, perfect globe-shaped bulbs, and the color of the skin is brownish yellow while the flesh is white, fine-grained, crisp and mild. Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.25, postpaid.

**YELLOW FLAT DANVERS**—A good early onion, both for the home garden and for market, combining reliability in ripening with large yield. It ripens more surely, as well as earlier, in moist locations than do the globe-shaped varieties. The thin-necked flattened bulbs are quite thick through; light yellow skin; fine-grained, mild, white flesh. Pkt., 10c; oz., 25c; ¼ lb., 70c; 1 lb., \$2.25, postpaid.

After ordering more of our David Crockett Onion Seed, Mrs. David Taylor of Craig, Colo., writes:

"I trust that your stock of this onion seed is not exhausted. I had it last year. It is the first seed I have found that will make matured onions here, and such fine ones they were. Some that I have yet are as sound and firm as in the fall."



## David Crockett Onion

**DAVID CROCKETT ONION**—This variety has been pronounced by all the leading seed houses in America to be the finest strain of yellow onion ever produced. During our eighteen years experience, selling and growing seeds and shipping vegetables, not once have we seen an onion that equalled the David Crockett; and we have shipped hundreds of cars from different growers.

The bulbs run very uniform in size, are oval-shaped with a golden bronze skin and white flesh. The flavor is very pleasant and much milder than most varieties. It is an extremely good keeper. In 1892, twenty-nine years ago, Mr. Crockett started this strain by selecting the most perfect, oval-shaped, thick-skinned bulbs, improving it each year by careful selection, until this excellent variety was finally obtained. It took us several years, with Mr. Crockett's aid, to secure a supply of this seed, but we are now growing it on a large scale. The David Crockett onion so far surpasses all other varieties that we were in hopes it would be known the world over as "David Crockett," but the best seed houses East and West being aware of the many excellent qualities of the Crockett strain have taken it up and will rename it. You are sure to get the genuine, original Crockett Strain from our stock. **Postpaid: Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 30c; 1 lb., \$3.25.**



David Crockett

**LARGE RED WETHERSFIELD**—We have a very fine and select strain of this sort. Color deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre and is one of the best keeping onions. **Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.**

**EXTRA EARLY FLAT RED**—This variety matures from ten days to two weeks earlier than the Red Wethersfield. Color is a deep, rich red, fine grained and close. Onion is solid, heavy and a fine sort where the seasons are short and cold. **Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.**

**WHITE BERMUDA**—The bulbs are quite broad and flat in form; flesh crisp, solid and mild in flavor. The plants are extremely thin-necked, insuring even and early ripening. **Postpaid: Pkt., 5c; large size pkt., 10c; 1 oz., 25c; ¼ lb., 90c; 1 lb., \$3.00.**

**RED BERMUDA**—Very flat and of a light pink color. The flesh is white, slightly suffused with pink. **Postpaid: Pkt., 5c; 1 oz., 25c; ¼ lb., 90c; 1 lb., \$3.00.**



Southport Red Globe

**MOUNTAIN GLOBE DANVERS**—Enormous yield of bulbs is generally considered by onion growers to be the best type of semi-globe shaped onion in existence. It has a distinct and attractive shape, handsome, bright and even in color, ripens early and all at once. Necks are very small. The bulbs are firm and solid, very good keepers. It is especially adapted to heavy soils and short seasons. **Pkt., 5c; large size pkt., 10c; oz., 20c; ¼ lb., 70c; 1 lb., \$2.50, postpaid.**

**SOUTHPORT RED GLOBE**—The best red onion for the markets, and the only one that should be planted for the main crop of red. In growth, habit, shape, size and yield it resembles the Southport Yellow Globe. The skin is of the deepest red color and the flesh solid and fine grained. As a keeper it is to be compared to the Yellow Globe for it has been known to hold its color and weight longer than any variety of yellow or red onion. When growing Red Onions for the market **PLANT SOUTHPORT RED GLOBE. Pkt., 5c; large size pkt., 10c; oz., 25c; ¼ lb., 80c; 1 lb., \$2.75, postpaid.**



Yellow Globe Danvers

## YELLOW GLOBE DANVERS (True)

As the Yellow Globe Danvers is the standard of Winter Onions we have made special efforts the past seven years to secure a strain of the highest type. The seed we offer is grown in Ohio from selected bulbs. This strain of seed has given more satisfaction to the onion growers than any other variety. The bulbs are quite large with thin necks, ripen down well, skin is a fine brown orange yellow, and the flesh is pure white, solid, and of fine quality. This strain is a very good keeper. Our seed is the very best that selection and extreme care can produce. No gardener can afford to experiment with doubtful onion seed. **Pkt., 5c; large pkt., 10c; 1 oz., 20c; ¼ lb., 70c; 1 lb., \$2.25.**



## ONION SETS

One quart of Onion Sets will weigh one pound. There are 32 pounds in a bushel of Onion Sets.

Bottom sets, when planted, will produce good green or table onions much earlier than if grown from seed. If allowed to remain in the ground, will yield fine, large onions for market or for household use fully four weeks earlier than if planted from the seed.

**CULTURE**—Soil requirements the same as for Onion seed. Place the Onion Sets 3 to 4 inches apart, according to size, 3 inches deep, in rows 1 foot apart. It is customary to furrow out the soil with a little hand plow early in the Spring, set the Onion in this furrow right side up and cover with a garden rake and if the soil is dry it should be well firmed over the sets; 380 to 480 lbs. of sets required for an acre.



Bottom Sets—Yellow, White and Red

**RED WEATHERSFIELD SETS**—This variety is very popular with those who plant for home use, being very mild as a green table onion, and if left to ripen produces a large red onion.

**TOP OR BUTTON SETS**—Produce a number of onions on the top of the stock, which are set in the ground and produce large bulb onions very early.

**WHITE MULTIPLIER**—Silvery white, productive, used for bunching when green and when ripe for pickling.

**PRIZETAKER SETS**—On account of the quick growing feature and the large size of the Prizetaker Onion many planters desire the Prizetaker sets. So we have had grown for us this year a quantity of these sets, and will supply them on orders as long as they last.

**YELLOW DANVERS**—Best known and most generally used, yellow onion. Most hardy of all varieties. Color bright orange-yellow, flesh white and firm.

**WHITE SILVER SKIN SETS**—Grown from our own selected seed. Produces early table onions of mild flavor, and later makes a beautiful globe-shaped onion.

Not Postpaid. If by mail add Postage at Parcel Post Rate.

	Qt.	4 Qts.	½ Bu.	1 Bu.
Prizetaker sets, bottom.....	\$.25	\$.90	\$2.50	\$4.50
Yellow Danver sets, bottom....	.25	.75	2.25	4.00
White Silver Skin sets, bottom..	.25	.90	2.25	4.25
Red Weathersfield sets, bottom..	.25	.75	2.25	4.00
Top or Button sets.....	.25	.90	2.25	4.25
White Multiplier sets .....	.25	.90	2.50	4.50
Yellow Multiplier set.....	.25	.90	2.50	4.50

## GARLIC SETS

We have a selected lot of good, clean bulbs that will all grow. Those who are fond of this vegetable for flavoring should raise their own supply. 1 qt., 50c; 1 lb., 60c. Postpaid. (For larger amounts get our special price.)

## PARSLEY

POSTPAID.

Parsley is used mostly for seasoning and garnishing. Its flavor is exceedingly pleasant and aromatic. As the seed germinates very slowly it should be sown early in the spring in rows 1 inch deep and 1 foot apart.

**DOUBLE CURLED**—This is the most popular parsley used in this section: very fine curled and dark green color. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**DWARF OR EMERALD**—A very fine variety, handsome bright green color, extra fine curled and very ornamental. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**CHAMPION MOSS OR TRIPLE CURLED**—This variety is entirely distinct, making remarkably handsome, compact plants, which have leaves so crumpled and curled as to give them the appearance of finely curled moss. The finest parsley for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**HAMBURG ROOTED OR GERMAN PARSLEY**—Roots resemble small parsnips and are used as a vegetable, same as salisfy. Foliage same as plain parsley. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

## PARSNIPS POSTPAID.

**CULTURE**—Work the soil very deep and pulverize the surface thoroughly. Sow the seed in early Spring, ¼ of an inch deep, in rows 12 to 18 inches apart. As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row. Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of Parsnips for table use, so it is customary to take up in the Fall when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, pitting them as is often done with other roots so that access may be had to them at any time. One oz. of seed for 200 ft. of row; 5 lbs. seed required for an acre.

**LONG SMOOTH**—Very nice parsnip, but grows too long for planting in this section. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

**GUERNSEY HALF-LONG, HOLLOW CROWN**—This is the best variety, and the only sort that should be planted in this territory. Not so long as the Long Smooth and easier taken from the ground. The flesh is fine grained and of excellent qualities. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.



Guernsey Half-Long

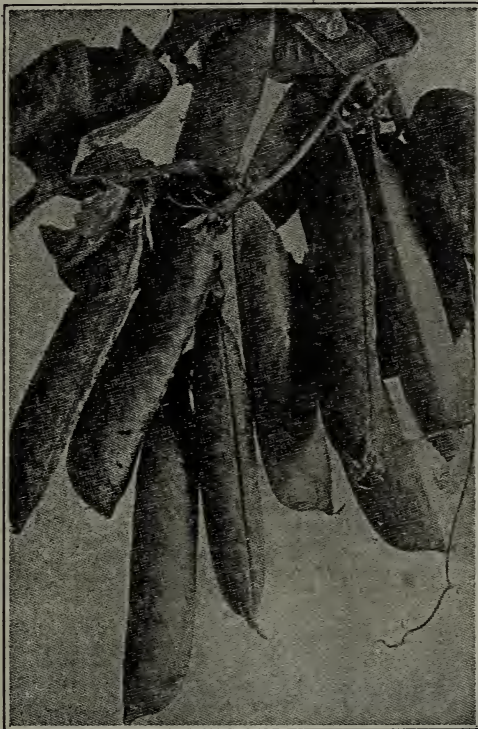


PRICES ON PEAS PREPAID  
UP TO AND INCLUDING 10 LBS.

# Garden Peas

ENGLISH GROWN  
PEA SEED

**CULTURE**—There are two distinct kinds of pea seed, they are the smooth and the wrinkled. Smooth peas are the hardiest; stand the cold weather much better than the wrinkled varieties, and they may be planted much earlier as the seed does not decay in the ground as quickly as the wrinkled varieties. Peas do best in sandy soil, not too rich or they will run to vines. The smooth varieties can be sown as soon as the ground can be worked, but the wrinkled varieties should not be planted till it is warmer or they will rot. Sow in single or double rows from 1½ to 3 feet apart, dropping a pea every inch and covering from 2 to 3 inches deep. For a succession sow every ten days up to July. Growing peas in the Mountains is very profitable as they are better and ready for market at a time when no other section can produce them.



Alaska Peas

**ALASKA**—Is the earliest pea on the market. It is ready 73 days from planting. It is the standard extra early market garden variety. It grows about 30 inches tall, matures a crop of uniform pods 3 inches long. The seed is small, smooth, dark green and of good flavor. Our strain is selected for its earliness and heavy bearing qualities.

Postpaid:—Pkt., 5c; large size package, 10c; 1 lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.50. If by express or freight, at purchaser's expense, 5c per pound less.

## NOTICE

Our prices on peas are postpaid. If by freight or express at purchasers expense, 5c per pound less.

**HARTNER'S EARLY MARKET**—See Novelties, Page 4.

**LITTLE MARVEL**—Only a few years old and rapidly becoming a favorite for the home garden as well as the market gardener. It is the earliest wrinkled pea, and produces a heavy yield of pods that measure from 2 to 3 inches in length, having from 7 to 8 peas to the pod. Its vines are only 15 to 18 inches high, making it a desirable pea for any garden, be it large or small. We want every one to give this wonderful new pea a trial—we know it will please. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by freight or express at purchasers expense, 5c per pound less.

**LAXTONIAN**—See Novelties, Page 8.

WE CARRY  
SPECIAL  
STRAINS  
FOR  
MOUNTAIN  
PLANTERS.



Gradus

**GRADUS (Prosperity)**—The earliest wrinkled variety. This grand, large podded, early, prolific variety has won the hearts of market gardeners everywhere. The vines are very vigorous and robust, growing to a height of about 3 feet. It is not only an abundant producer, but bears continually throughout the season. It is exceedingly early for a wrinkled variety, being only a day or two later than the earliest, small, smooth sorts. The pods are very large and are invariably well filled with from six to nine sweet, luscious, tender, wrinkled peas of large size and delicious flavor. The peas remain tender for some time after they are large enough to use. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by freight or express at purchasers expense, 5c per pound less.

**AMERICAN WONDER**—This pea, although it produces small pods, seems to win favor with all planters, as it is a very productive little plant, growing ten to eighteen inches high, and the peas are exceptionally sweet. It is easier grown than most of the large podded varieties. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by freight or express at purchasers expense, 5c per pound less.



## Garden Peas—Continued

LARGE AMOUNTS  
GET SPECIAL PRICES.

**LITTLE GEM**—Height, 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods  $2\frac{1}{2}$  to 3 inches long, only three days after the American Wonder. The peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and thought by many to be sweeter. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 35c; 5 lbs., \$1.70; 10 lbs., \$3.25. If by express or freight, purchaser paying the charges, 5c per lb. less.

**ALDERMAN**—This is a very large podded pea, very robust and vigorous, producing pods of the largest size. The pods are even larger and longer than the average large podded sorts, and are well filled with large peas of most excellent flavor. In habit, the vines are strong and branching, bearing rich, deep green, straight, handsome pods, averaging  $4\frac{1}{2}$  to 5 inches in length, pointed at the end. This variety belongs to the medium growing main crop of peas. The vines grow from  $3\frac{1}{2}$  to 4 feet in length. Postpaid:—Pkt., 5c; large pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by express or freight, purchaser paying the charges, 5c per pound less.

**HARTNER'S MIRACLE**—A distinctly new variety of dwarf habit with long dark green pods, often filled with 7 to 9 large peas of the finest quality. It is one of the best early peas obtainable, being earlier than the American Wonder and a somewhat more abundant bearer—height only 18 inches. One of the sweetest peas in cultivation. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by express or freight, purchaser paying charges, 5c per pound less.

**DWARF TELEPHONE (OR DAISY)**—This pea is so well known that it hardly requires a description, everyone knows the Telephone Pea.

It grows very strong, stocky bushes, about 18 to 20 inches in height, and the foliage is of a very dark green color and is of dwarf habit, sometimes producing long full pods from 7 to 8 inches in length and very sweet.

As a producer for the market it cannot be beaten, always finds ready sale. Although not considered an early pea, it is ready for market close after the Early Gradus start, and is being planted by nine-tenths of our gardeners for the main crop. Our seed of this stock is all English grown and never fails. Postpaid:—Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by express or freight, purchaser paying charges, 5c per pound less.

**IMPROVED STRATAGEM**—One of the first dwarf wrinkled peas. Quality is unsurpassed, peas being very sweet. Vines grow about 18 inches to two feet and bear very large pods, filled with fine green peas. Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by express or freight, purchaser paying charges, 5c per pound less.

**TALL TELEPHONE**—This variety has been the standard for many years past, but is now being replaced by many improved varieties. The main objection being the tall vines. Pkt., 5c; large size pkt., 10c; 1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50. If by express or freight, purchaser paying charges, 5c per pound less.

**EDIBLE POD**—A novelty pea of unusual importance. Its growth is the same as any other variety. It produces vines about 30 inches high, thickly covered with fairly good sized pods filled with as sweet sugar peas as was ever grown. When ready for use they do not have to be shelled but can be cooked peas and all; hence their name, Edible Pods. Pkt., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 65c.



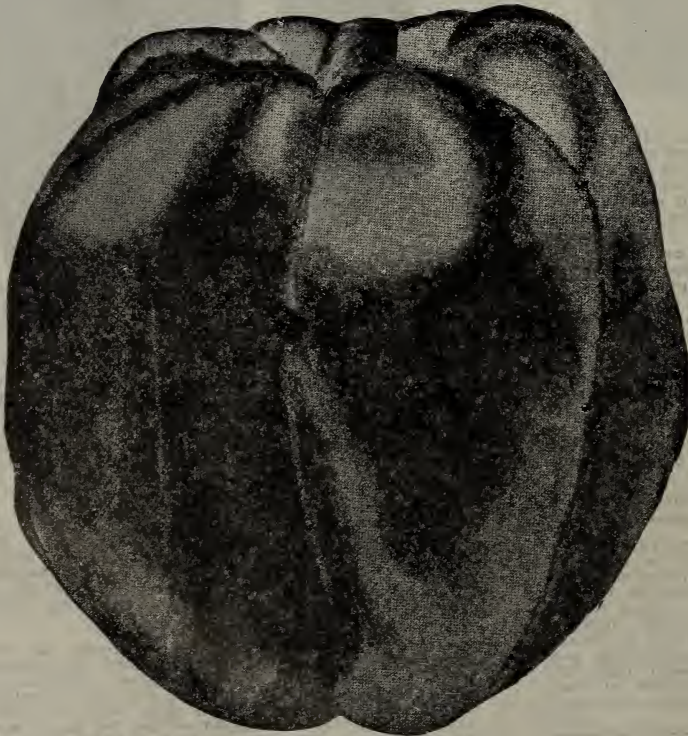
Dwarf Telephone

## PEPPERS (POSTPAID)

**CULTURE (Peppers)** — Seed should be started in the hot bed during March and given the usual attention required by the hot bed. Pepper seed is a great favorite of mice, and close watch should be kept so that the mice do not dig up the seed. Peppers cannot be set in the open as early as cabbage and celery, but when all danger of frost has gone then transplant to the field.

**CHINESE GIANT**—This is the favorite when size is wanted, being the largest pepper in cultivation, being double the size of the Ruby King. The plants are vigorous in growth, but of stalky habits, are seldom more than 2 feet in height, producing 4 to 6 peppers of enormous size, thick meated and very mild. On account of its enormous size it meets with ready sale on any market. Although not as early as the Ruby King, it matures in ample time for the heavy demand of the shippers. Pkt., 5c; large pkt., 10c;  $\frac{1}{2}$  oz., 35c; 1 oz., 50c.

**BULL NOSE OR BELL**—Most popular sort, being early and very productive; grows about two feet high, fruit remains green a long time. Pkt., 5c; large size pkt., 10c;  $\frac{1}{2}$  oz., 35c; 1 oz., 50c.



Chinese Giant



## Peppers—Continued. See Page 56

**EARLY GIANT NEAPOLITAN**—For years there has been a small early pepper known as the Neapolitan, although early enough, the fruit was small and scrubby. But we are offering the Early Giant Neapolitan which is altogether different from any other offered under the name of Neapolitan. Our Early Giant is as large as the Ruby King and if transplanted in the field the same time as the Ruby King the fruit will be ready for the market two weeks earlier. The fruit is mild and produced in greater abundance than other sorts. The Early Giant Neapolitan is the largest early variety of pepper offered to date. Pkt., 5c; oz., 50c; ¼ lb., \$1.75.

**CAUTION**—Don't confuse the Early Giant Neapolitan with the Early Neapolitan when ordering.

**RUBY GIANT PEPPER**—In appearance the fruit somewhat resembles the Ruby King except being larger and a little broader at the base. The Ruby Giant Pepper was introduced to the growers in this section by us four years ago, and now it is the most popular pepper in Colorado. Its dark green color and heavy yielding qualities have gained it a place in every garden where peppers are grown for the market. Pkt., 5c; oz., 50c; ¼ lb., \$1.75.

**PIMIENTO PEPPER or SALAD PEPPER**—This variety was introduced from Spain. While not as large as the Chinese Giant it is heavier, on account of its extremely thick flesh, which has a mild, sweet, yet deliciously pungent flavor when used either green or ripe. It is being used largely by canners, as its thick flesh allows the skin to be removed, which can be done easily by dipping them in scalding water. When used in a salad its mild flavor and deep scarlet (when ripe) or green color make it very attractive to the eye as well as to the palate. The plant is very prolific, producing a large number of peppers, each weighing

from five to ten ounces. We recommend this new pepper for both the home garden and market supply. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

**THE MIKADO**—(24 to 1)—24 peppers to one bush. 24 dozen to one large crate. This is a new sort of the Bell or Mango Pepper, and was first introduced by us to the gardeners two years ago and in every case where a trial has been given it has proved to be just as it was represented to us by the originator, so we have secured a limited amount from him and offered it to the trade last year as an ideal pepper for the market and especially for the shippers. This is the finest pepper ever offered in the United States.

It is far more profitable than the Chinese Giant because it produces more peppers, that is what you want. It is better than the Ruby King because it is just as heavy a producer and much larger. Market gardeners should not overlook this pepper. Pkt., 5c; ¼ oz., 20c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.75.

**RUBY KING**—Grows about 3½ to 5 inches long and is often 2½ to 3 inches thick. One of the best varieties for stuffed pickles. Pkt., 5c; ¼ oz., 20c; 1 oz., 50c.

**RED CHERRY**—A second early sort. Plants tall, bearing a profusion of round, red fruit, which is very pungent when ripe. Pkt., 5c; ¼ oz., 20c; 1 oz., 75c.

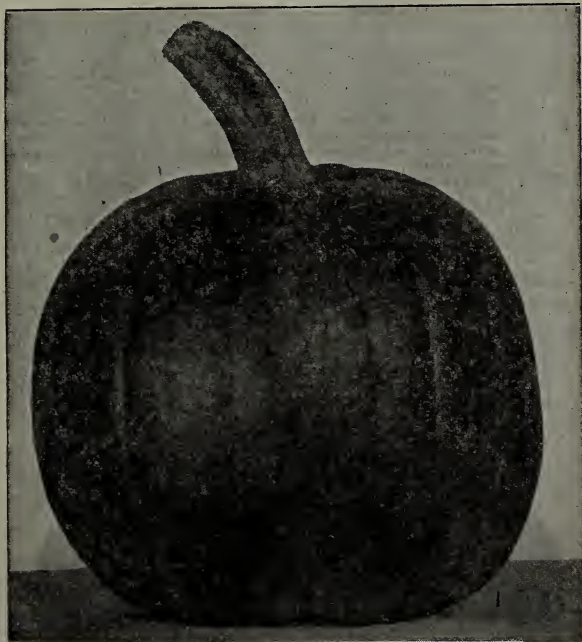
**RED CHILE**—A late variety, used in the manufacture of pepper sauce. Bright red pods are about 2 inches long, tapering to a sharp point, and exceedingly pungent when ripe. Pkt., 5c; ¼ oz., 20c; 1 oz., 75c.

**LONG RED CAYENNE**—A well known variety, having a slender, twisted and pointed pod about 4 inches long, bright red in color; extremely strong. Pkt., 5c; ¼ oz., 20c; 1 oz., 75c.

## Pumpkins

LARGE AMOUNTS  
GET SPECIAL PRICES.

(Prices Postpaid)



Sugar Pumpkin

While Pumpkins are of strong growth, they will not stand frost, and cannot be planted until April 15th. A moderately rich soil is sufficient for good pumpkins. Plant in hills about six to eight feet apart. Do not plant near squashes or melons; they are likely to mix. If large quantities are wanted, write for special prices.

**KENTUCKY FIELD (or Large Cheese)**—A fine pumpkin nearly two feet in diameter. Flesh yellow, extra thick, sweet, and of the finest quality. A heavy yielder and excellent keeper. Prices: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 70c; 10 lbs., \$6.00.

**CONNECTICUT FIELD**—A fine large, orange colored variety, used for field culture and stock feeding. Skin smooth and ribbed; flesh brittle. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c; 10 lbs., \$6.50.

**SMALL SUGAR**—A small round variety; flesh thick, rich yellow and sweet, skin a deep orange. This is the best variety for pies. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**MAMMOTH TOURS**—A very large French variety, grown for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

**JAPANESE PIE**—Large size, weighing from 30 to 70 pounds; color on outside rind bluish-green blotched with yellow. Flesh salmon colored, very thick and sweet for eating and stock feeding. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**KING OF MAMMOTHS**—The best large pumpkin in use, forming immense mushmelon shaped pumpkin, often 2½ to 3 feet in diameter; salmon colored; flesh bright yellow. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

You don't have to accept our statements that Gold Seal Seeds are of the highest quality—judge results. Hundreds of market gardeners have climbed into the well-to-do class by planting Gold Seal Seeds.



ACCLIMATED  
STOCK

## Seed Potatoes

PRICES  
NOT PREPAID

**CULTURE**—Potatoes can be grown in any soil provided it is ten to eighteen inches apart in the rows. Keep the ground be of better quality than if planted on clay soil. Cut the potatoes in four to six pieces, so there is at least one eye on each piece. About three pieces should be planted in each hill. Three to four inches deep, according to the time of planting. In rows three feet apart and sixteen to eighteen inches apart in the rows. Keep the ground loose about the hills. Do not water unless soil becomes quite dry.

When the early varieties are planted, they can be marketed just at the time when the Southern crop is over and before the late potatoes are ready, therefore at this time all markets are quite bare of potatoes and prices very high. Another advantage in growing early potatoes is that another crop may be grown after the potatoes are dug; for instance, Turnips.

Get SPECIAL  
DELIVERED PRICES

Our Seed Potatoes are especially adapted to our Western country.

IF YOUR EXPRESS OR FREIGHT CHARGES ARE TOO HIGH, LET US SEND POTATO EYES.

**RED RIVER EARLY OHIO**—Our Red River Early Ohio Seed Potatoes are grown in the extreme north of Minnesota, where the potato growers have specialized on Early Ohios for years and have developed the best type of this variety. Seed from this district is one week earlier than home grown and our seed is free from scab and the disastrous blight, and is the favorite and most prolific potato in this section. Maturing early brings the fancy prices that are paid for the first potatoes. This potato can be dug and marketed before it is fully matured. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**EARLY OHIO COLORADO DRY-LAND GROWN**—These potatoes are grown for us in the dry lands of Elbert county (known as the Divide.) It is our desire to have as many of our customers as possible order our RED RIVER EARLY OHIOS, but those who do not care to pay the advanced price will not be disappointed in our DIVIDE EARLY OHIOS. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**EARLY SIX WEEKS, DRY LAND GROWN**—Resemble the Early Ohio, being ready for market about the same time. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**EARLY ROSE SEEDLINGS**—This variety has been the favorite for many years, and many growers still claim that it has never been excelled in quality and productiveness. Potatoes are long in shape and light pink at the butt end. Cook mealy and of the finest flavor. Known in the Greeley district as the Greeley Reds. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**RED McCLURE or PEACH BLOW**—Now well known the country over, and very largely planted for a profitable main crop. McClures are now quoted in all the leading markets of the country along with Burbanks and other standard sorts. In many sections



Red McClure—Mountain Grown

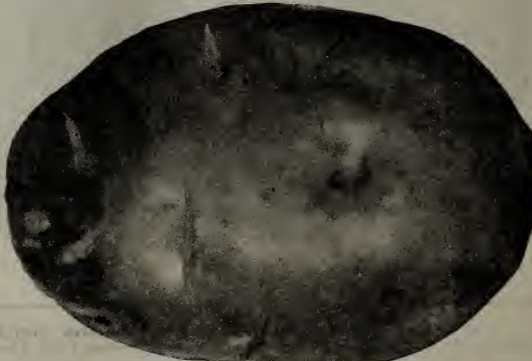
this variety is the rival of the Burbank and is undoubtedly a fine potato. It is one of the most beautiful potatoes grown, and will bring more money on the market than any other variety. The quality is extra good. It is an abundant yielder and a very good keeper. One of the leading sorts among the mountain growers. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**RURAL NEW YORKER**—A valuable variety of large size, very smooth and a heavy cropper. In quality it is unexcelled. It is the best late long keeper, and is highly recommended. More potatoes of this sort are shipped annually than any other kind, and their large, handsome appearance makes them more profitable than any other sort. Planted very extensively in potato districts. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

**EARLY TRIUMPH (Bliss Strain)**—The leading early potato of today, and is now supplying two-thirds of the markets with new potatoes for the early Spring trade. There is a good reason why the Triumph should be popular. It is ten days earlier than the Early Ohio and that is a big feature in favor of the farmer. It is not so liable to rot or scab. The tubers are nearly round with red, smooth skin, and have shallow eyes. It can be grown on almost any land, but does better on rich soils. It yields fairly heavy and the size is uniform. We highly recommend the Triumph for early planters. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.



Early Ohio Red River



Early Triumph



## POTATOES—Continued

**MAMMOTH PEARLS**—This is the potato that is grown so extensively in the northern part of Colorado. This potato did as much to make Greeley, Colorado, famous as all the other varieties combined. It is one of the best main crop potatoes in this territory. The skin is white, eyes shallow and the flesh is pure

**BURBANK POTATO**—One of the wonderful discoveries of Luther Burbank, and now ranks among the leading varieties of potatoes of the world. For many years this variety has been a great favorite in California, but now it is being grown extensively and with great success everywhere. The Burbank is becoming one of Colorado's best mountain varieties where at one time it was thought only Red McClures would mature and thrive. But the Burbank has proven in this country and on dry land where other varieties have failed, the Burbank has held out against the drought and heat and produced good yields and is now being planted throughout our state on the dry lands. The flesh of the Burbank is white, very mealy, and of fine flavor. The potatoes are long in shape and size, and the skin is russett. As a baking potato it cannot be surpassed. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

### Irish Cobbler, or Eureka

One of the leading varieties in the North. It soon spread to the West. It is giving wonderful results; grows where other sorts failed to produce a crop of potatoes. It is a little earlier than the Early Ohio.

The tubers are round, somewhat flattened with rather deep eyes and are medium to large in size. The skin is clean, smooth, finely netted and white in color. The flesh is white, of fine quality and flavor.

This is a very vigorous grower and is more desirable than the Early Ohio in the dry sections as it is less liable to crack and knot. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

### Charles Downing

A wonderful potato extensively grown throughout the potato districts of the United States. It is a potato of unusual merits and possesses many features that help to make it a favorite wherever planted.

The Downing is not to be classed as an early sort, but is the earliest of the late or main crop varieties. It matures a little later than the Early Ohio, but earlier than the Pearl, Burbank, McClure and other late sorts.

Unlike other potatoes, the Downing does not contain much acid, and when bruised will heal quickly, for acid causes fermentation or decay. For this reason the Downing is the best keeper known to the potato world. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.

### Potato Eyes by Mail

#### POSTPAID

We send these potato eyes delivered to your door, all transportation charges paid, so that all you have to do is to plant them and harvest a crop. We select the seed potatoes, using only the smoothest and firmest stock that we know will carry the longest after being cut. Then we remove the eyes, leaving enough of the flesh to assure a good plant that will produce potatoes. We then pack them in lots of 25 eyes each, all labeled so as to avoid

On large amount of potatoes, get special prices.

white. It is a medium late variety and of good keeping quality. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50. For larger amounts see Blue List. If by Parcel Post, add postage, by express or freight, purchaser pays transportation.



Burbank

chance of mixing the different varieties. We guarantee these potato eyes to arrive in good planting condition. But we advise, before ordering the eyes shipped from Denver, that you prepare your soil and have things ready for planting on arrival of stock.

They can be sent without any danger of freezing, for they are securely wrapped and packed in pasteboard boxes.

We cannot furnish less than 25 eyes of a sort, and those wanting larger amounts should make their orders even multiples of 25.

#### Prices (any variety listed):

25 eyes....	.25	300 eyes....	\$1.75
50 eyes....	.45	500 eyes....	3.00
100 eyes....	.75		

March 10, 1916.

The Western Seed Co.,  
Denver, Colo.

Gentlemen:

Please send as soon as danger of freezing is over 100 Early Ohio Eyes; 100 Burbank Eyes and 100 Red McClure Eyes. Enclosed is money order for the \$2.25.

Last year I ordered 100 Burbank Eyes and they sure did fine. We had enough potatoes to last us all winter. I will also want some more Minnesota No. 13 Corn.

Yours truly,

L. C. WATTERMAN,  
Garfield County, Colo.

### Sweet Potatoes

**CULTURE**—The plants should be started in hotbeds in March, and after danger of frost, transplanted two feet apart in rows 3½ to 4 feet apart. They do best in sandy, light soil, and should be cultivated often, especially if supply of water is scarce.

**YELLOW NANSEMOND**—1 lb., 25c; 10 lbs., \$2.00.

**YELLOW JERSEY**—1 lb., 25c; 10 lbs., \$2.00.

If by Parcel Post, add 5c per lb.

#### PREVENT SCAB ON YOUR POTATOES AND SMUT IN YOUR WHEAT

### Corrosive Sublimate

4 ounces to 30 gallons of water. Put in wood barrel or vat. Dissolve the Corrosive Sublimate in warm water, then add to the cold water.

1st lot treat 1½ hours.

2nd lot treat 1½ hours.

3rd lot treat 2 hours.

Then throw out and make a new lot.

Remember it is RANK POISON, so don't allow anything to eat grain after being treated.

Allow the treated seed to dry, then cut and plant.

This will kill the scab and Rhyzoctonia diseases. Don't plant potatoes in ground that has raised potatoes that are scabby.

This formula was furnished to us by L. D. Sweet, the potato expert.

¼ lb. Corrosive Sublimate, \$1.00; 1 lb., \$3.00.



**PRICES  
POSTPAID**

# Radishes

**SELECTED  
STOCK**

Please note that we offer some of our radish seed under two different heads, viz., **FRENCH GROWN** and **HOLLAND GROWN**. You will also note that under each head there are radishes of the same name, but there is a great difference in French Grown and Holland Grown Radishes. Both being the very best quality but decidedly different in habits.

**CULTURE**—To be tender and crisp, radishes must be grown quickly—and quick growth requires rich soil and plenty of moisture. Commencing with the first mild spell of weather in the spring, sow at intervals of ten days in a light, rich soil that has been deeply dug. They can also be grown as a catch crop between the rows of beets, lettuce, onions, etc. Radishes can be forced in the hot-beds, but they must have plenty of ventilation and moisture.

## LONG VARIETIES

**CINCINNATI MARKET GOLD SEAL**—An improvement of the Long Scarlet variety and one that has met with the approval of all the green-house and hot-bed gardeners in our vicinity. The seed that we offer of this variety was grown for us by the best radish growers of Europe and has been given a thorough trial by us. It produces a long, straight radish of beautiful color, with short tops and for this reason can be planted so thick in the bed that the radishes touch one another. It has also won favor among the growers of out of door radishes and is being planted as the main crop radish for the summer market. Often grows 7 to 9 inches in length. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 60c; 1 lb., \$1.00.

**IMPROVED CHARTIER**—A very good radish for early planting in the open, although too large for forcing. The long cylindrical roots are scarlet rose in color at the top and gradually taper and shape into white at the tip. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c.

**EARLY LONG SCARLET, SHORT TOP**—A standard variety of the long type of radish, for both market and home use. Roots long, grow partly above the ground; straight, smooth and of bright, rich scarlet color, a little white on the end or tip. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**LONG WHITE VIENNA, OR LADY FINGER**—An excellent variety with long, very smooth, white roots, which are crisp and tender. One of the most desirable of the white summer sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**WHITE STRASBURG**—When comparatively small this variety is in good condition for use, and continues crisp and tender until matured. Roots are 4 to 5 inches long, and about 2 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**WHITE ICICLE RADISH**—The favorite white radish grown for the market, also extensively used for the home garden. It is a handsome white transparent variety, as crisp as ice, of a mild flavor. As seen in the photograph, next page, it is about 5 inches long with sloping tops and pointed root. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**CHINA ROSE**—This variety should not be sown earlier than the middle of June, as it is a winter variety, and if sown in the spring it becomes too woody for use before winter, when they are used. This radish is shorter and thicker than the long Scarlet, and of a bright rose color. Flesh very white and solid and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25.



Cincinnati Market

## ROUND VARIETIES

**NON PLUS ULTRA, FRENCH**—This radish has a very fine appearance, being different from the Holland stock of the same name, having more tops, a little lighter color, and not so apt to crack. Requiring a longer time to grow. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 60c; 1 lb., \$1.00.

**NON PLUS ULTRA, FORCING HOLLAND**—Entirely red, round radish, which grows very rapidly. This variety is decidedly earlier than the French stock of the same name, also being darker red, with much shorter leaves. For forcing, this is considered by far the most profitable. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**WHITE CRYSTAL**—This is a half stump-rooted radish, having a crystal white appearance. Very good for forcing. Tops quite small. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**YELLOW SUMMER TURNIP**—Very symmetrical, nearly round, with grayish-white skin, covered with bright yellow russetting, making it very attractive. Flesh firm, white and rather pungent. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**CRIMSON GIANT**—This extraordinary turnip shaped variety is of a beautiful crimson color, flesh firm, crisp, and tender. Unlike other varieties of round radishes it remains perfect a long time, does not become pithy even when twice its average size. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

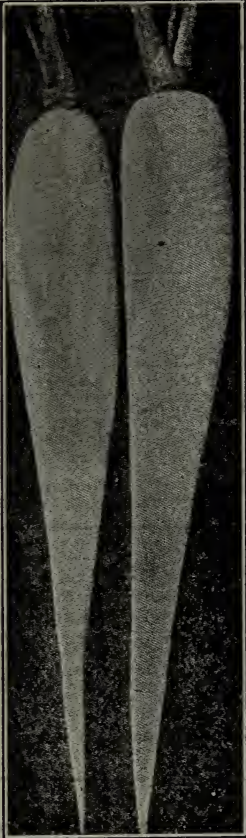
**DEEP SUMMER TURNIP, HOLLAND STRAIN**—We first introduced this handsome radish ten years ago, it being different from any other Deep Summer Turnip Radish, being more uniform in color and size. Does not become pithy as early as other sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**FRENCH BREAKFAST RADISH**—The favorite radish to date. It is termed as a round radish but to be exact, it is olive shaped. It is extra early, red with a white tip, mild flavor, especially adapted for the family garden. It is the first radish to appear in the spring. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c.



Non Plus Ultra





White Icicle—See page 60

Mr. Mike Labriola, of Welby, Colo., who is beyond a doubt one of the best gardeners in Adams Co., says:

Be sure and save me 10 pounds of Hartner's White Tip Radish, also 5 pounds of the Selected Snowball Turnips. These are the finest strains I ever planted.

(Signed)

Mike Labriola.

Welby, Colo.  
Western Seed Co.,  
Denver, Colo.  
Mr. Hartner:—

Please see that you save for me 10 pounds of your Gold Seal Cincinnati Market Radish Seed. These produce the fancy radishes that I sold you last year. I made more money on this patch of radishes than any other piece of ground in the garden. (Signed)

Nick James.

#### HARTNER'S EARLY WHITE TIPPED (French Strain)

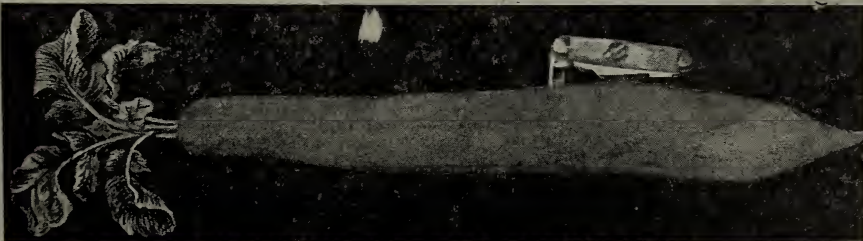
—This is the little round, red radish with the white tip that is planted in the early spring and matures in 30 days. The flesh is snow white, crisp and tender. For the past ten years we have supplied and satisfied the market gardeners of this section

with this special strain. They grow evenly in size and color and produce small tops. It is by far the best round, white tip radish to plant either for the market or the little home garden. If planted at intervals of 10 to 12 days you have fresh, tender radishes throughout the entire summer. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

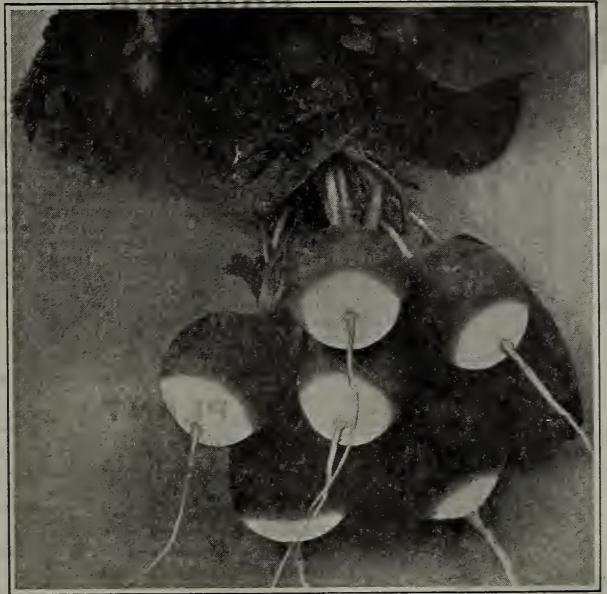
**ALL SEASON RADISH MIXTURE**—This is a well balanced mixture of every sort of radishes known and contains only the very best and truest strains. From a bed of our mixed radishes one can have radishes the entire season, for in mixing we include early round, early long, midseason and late varieties. It is quite interesting to have a mixed bed for you will find some sorts you never have seen before. As every seed will grow, we advise that you do not plant too thick so that each plant will thrive and have room to mature. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50

**LARGE WHITE SUMMER TURNIP RADISH**—A new variety of round, white radish from Holland, known as a summer radish. Somewhat larger than the common varieties of round radish, and when matured and ready for the table should be about the size of an egg, only round, with solid meat, flavored like the White Icicle or White Vienna. This new radish is a fine sort for the garden and should be given a trial. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**LONG, BLACK SPANISH**—The flavor, color of skin and flesh same as the Round Black Spanish and keeps equally well, is a long black radish instead of a round one. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

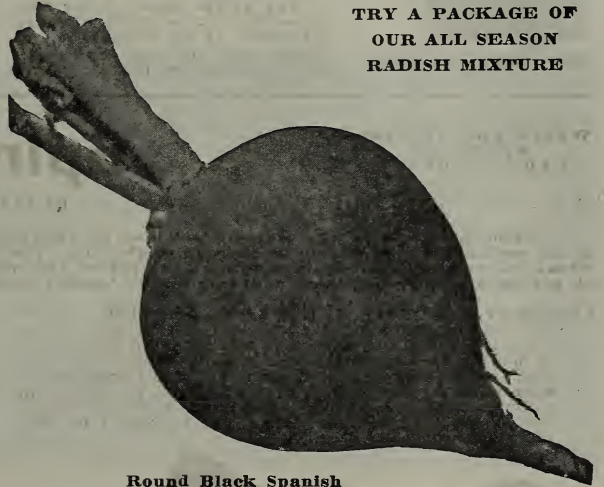


Japanese Summer Radish



Early Scarlet White Tipped (Hartner's)

TRY A PACKAGE OF  
OUR ALL SEASON  
RADISH MIXTURE



Round Black Spanish

**ROUND BLACK SPANISH**—Roots round, sometimes top-shaped, 3 to 4 inches in diameter, skin black, flesh white, very compact and highly flavored. Excellent sort for winter use. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 70c; 1 lb., \$1.25.

**JAPANESE WINTER RADISH**—It resembles the Japanese Summer Radish except that it is somewhat smaller. It is more crisp and of better flavor in the winter season. It is pure white, grows about 8 inches long and not as tapering as the larger one. Pkt., 5c; large pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

#### JAPANESE SUMMER RADISH

—Its beautiful white color and mammoth size attracts great attention. It is very tender and the flavor is excellent and mild. It attains perfection in Colorado, growing to 2 feet in length and 3 inches in diameter. It is a profitable radish to grow as it sells readily and is relished by all. We have had grown for us a limited quantity of this seed and now offer it at 5c per pkt., large pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.



**RHUBARB****SEED**

**CRIMSON KING, OR STRAW-BERRY**—This is the largest and most productive variety known. No garden should be without rhubarb, especially this kind. Pkt. 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25. Postpaid.

**SCARLET QUEEN**—This variety is a favorite because of its hardness and excellent flavor. While the stems grow to desired length, they are rarely thicker than the thumb. It is desirable for the home garden, where good table quality is first considered. Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.25. Postpaid.

**PIE PLANT****ROOTS**

We can furnish good, live roots of any of the varieties listed below.

**CRIMSON KING or STRAW-BERRY**—(Large red.)

**SCARLET QUEEN** — Medium red.

**GIANT RED**—Largest variety grown.

**VICTORIA**—Pink, large.

Any of the above, 2 for 25c; 5 for 60c; 12 for \$1.25. Charges prepaid. If by freight or express, not prepaid, \$1.00 per dozen; \$6.00 per 100.

Strawberry Rhubarb

**SALSIFY, or  
OYSTER PLANT**

**Culture**—Sow the seed in the spring in drills one foot apart and one inch deep, thinning out plants to four inches. It succeeds best in light, well-enriched soil. One ounce of seed for 50 feet of drill.

This vegetable, when cooked, resembles the oyster in flavor, comparatively easy to grow, habits similar to those of the parsnip. Can be left in the ground during the winter; in fact, frost increases the quality. Can be cooked as cauliflower or sliced raw for a salad.

**MAMMOTH SANDWICH ISLAND**—This is the largest variety; very uniform in size; most popular sort for this section. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.35, postpaid.

**LONG, WHITE, FRENCH**—Pkt., 5c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

Write for our Special Delivered Prices on the seeds you wish to plant. It pays.

Mammoth Sandwich Island

**To Those Who Plant Large Quantities of Seed:**

Buyers of large quantities of seeds, either for farm or garden, will find it decidedly to their advantage to submit a list of their requirements in advance of the planting season, requesting samples and prices delivered to their station. We have provided a convenient space for this purpose on the back of enclosed order sheet. Fill it out and forward to us today, and be ready to plant when the weather is favorable.

Germination and Purity Test Furnished On All Field Seeds.

**WRITE FOR SPECIAL  
PRICES ON  
LARGE AMOUNTS****Spinach****QUALITY FIRST****THESE PRICES  
ARE  
POSTPAID**

Spinach thrives in any ordinary soil and its cultivation is a very simple matter. To secure good spinach early in the spring the seed should be planted in the fall. For a succession, sow again early in the spring and every two weeks thereafter. The plants should be cut before hot weather, while young and tender and when properly prepared no greens are more palatable and nutritious. Special prices will be made on larger amounts than quoted below.

**VIROFLAY, OR VERY THICK LONG-LEAVED**—This is the market gardener's favorite for fall and spring sowing around Denver, as it furnishes an abundance of heavy, broad, dark green leaves of finest quality and appearance, and on account of their firmness and substance they remain in prime saleable condition for a long time, making it especially desirable where bulk is desired. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

crumpled in the center. This variety becomes fit for use nearly as early as any, remaining so much longer than most kinds that it cannot fail to please, whether grown for the market or home garden. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

**ROUND BROAD LEAVED**—This excellent variety comes quickly to maturity, forming clusters of large, very thick leaves, rather smooth and rounded at the top. A good kind and next to Viroflay as market gardener's choice. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

**LONG STANDING**—(Round Leaved)—An improved deep green variety of round leaves. Does not run to seed as quickly as others and one of the most desirable medium early varieties. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

**NEW ZEALAND**—(Tetragonia Expensa)—Unlike true spinach in type in that it thrives during hot weather in any soil, rich or poor. The tender shoots are good quality and may be cut throughout the summer. The plants become very large and spreading; leaves small, broad, but pointed. The seed, which is four or five times as large as common spinach, can be planted from 4 to 6 inches apart or in hills as desired. Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.

**BLOOMSDALE SAVOY**—A very early variety. The plant is of upright growth with thick, glossy, dark green leaves of medium size, pointed but quite broad, curled and wrinkled like those of Savoy Cabbage. It is hardy and grows rapidly to a suitable size for use. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 45c; 10 lbs., \$4.00.

New Victoria

**NEW VICTORIA**—An excellent sort, forming a very large, exceedingly thick, very dark green leaf, slightly

**We Are Market Gardeners' Seedsmen—This Means Quality Prevails.**



# Squash

(ALL PRICES POSTPAID)

Squashes are divided into two different classes—summer and winter. Although they neither resemble nor taste alike, both are known as squashes. The majority of the summer varieties are the bush sorts, while the winter varieties are the running sorts.



## SUMMER VARIETIES

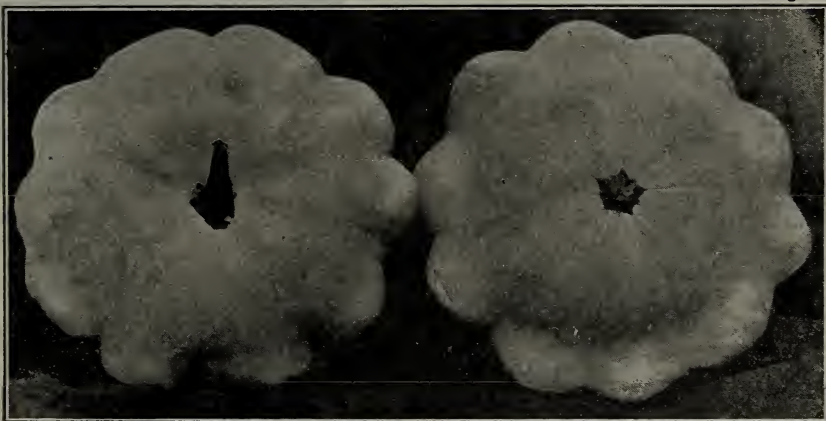
**CULTURE**—Summer or bush varieties should be planted in rows three feet apart and three and one-half feet in the row, for these sorts are produced on bushes and never trail.

Winter varieties are of different growth and should be planted in hills about four to five feet apart and allowed to vine and trail all over the ground. Squash do not demand much cultivation and thrive on almost any soil. Never plant squash until all danger of frost is past, for they are very sensitive to cold. Drop three to four seeds to the hill. Always be careful not to bruise when harvesting, for a bruise will start decay and the squash will spoil.

**FORDHOOK SQUASH**—Can be used either for a summer or winter variety; the first fruits are oblong and thick meated of a yellowish color, being very highly flavored. For summer use gather before it is quite ripe, but for winter allow them to ripen on the vine and when stored they will keep throughout the entire winter. Being a bush variety it can be planted close and a heavy yield produced on a small patch. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

**GIANT SUMMER CROOKNECK**—An improvement over the Summer Crookneck, and rapidly becoming a favorite among the market gardeners. Its growth and habits resemble the common crookneck variety, but the fruits have a different shaped neck; instead of being long, narrow and crooked it is somewhat shorter, thicker and straighter, making it more desirable for packing and not so liable to break off. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

**EARLY WHITE BUSH SCALLOPED**—An extra early sort that is ready for market ahead of any of the other varieties of White Bush Squash. The demand for White Bush Squash is increasing each year among the car lot vegetable shippers. One of the peculiar characteristics of this squash is that in order to keep it bearing and producing the squash must be kept picked and never allowed to grow larger than 5 or 6 inches across. And as this is the size desired by the shippers, ready markets can always be found. Last year there was not enough Early White Bush Squash planted to supply the demand. It is easy to grow; a fine eating vegetable and should be planted in all gardens, large or small. Postpaid: Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.



Early White Bush

## WINTER VARIETIES

**GOLDEN HUBBARD**—Very productive; fruits uniform in size, weighing from 6 to 8 pounds. Shape like the Hubbard; good keeper; shell is very hard, warty and of rich orange-red color. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**CHICAGO WARTY HUBBARD**—This is the best and most popular strain of the winter squash. When thoroughly ripe its tough, warted shell is as hard as a rock, and the meat is a rich golden-orange color, possessing the highest flavor, only to be compared with that of a sweet potato. Many prefer a good ripe Hubbard Squash baked well done in a hot oven to baked sweet potatoes. Chicago Warty Hubbard, if allowed to ripen will keep in good condition, and one may have this delicious vegetable all winter. They are easy to grow, and pay you well for the time and trouble you give them. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**DELICIOUS**—This is a splendid variety; more like the Hubbard than any other, but surpasses it in some respects for home use as it is not quite so large. The shell is not so hard; the meat is thicker and of extra fine quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.



Chicago Warty Hubbard

**HUBBARD SQUASH (TRUE)**—The old standard variety of winter squash, and equal in every respect to the warty in growth, flavor and yield, but matures a few days earlier. Practically the only difference is in the skin or shell. The true Hubbard has a smooth surface while the warty Hubbard is knotted and rough. Price: Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

(Squash Continued on Next Page)



## SQUASH—Continued

**PIKE'S PEAK, OR SIBLEY**—An excellent winter squash. Fine grained and superior in flavor and keeping qualities to the Hubbard squash, but not so well known. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

**MAMMOTH CHILI**—Attains very large size, some as large as 150 to 200 pounds. The flesh is rich and very desirable for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25. Postpaid.

**BOSTON MARROW**—Is the favorite winter squash of the Eastern states. It is of fine flavor and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

**MARBLE HEAD**—Of bluish color, sweet and dry. Fine flavored. Shape long and pointed at both ends. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

## TOBACCO

**MISSOURI BROAD LEAF**—A well known variety of a very early kind, and one of the few that matures in our country. On account of its broad leaf, it is used by cigarmakers for cigar wrappers. Pkt., 5c; ¼ oz., 15c; 1 oz., 40c.

**CONNECTICUT SEED LEAF**—This is the most popular variety; can be relied on to make fine cigars. Stands the cold well. Pkt., 5c; ¼ oz., 15c; 1 oz., 40c.

# Tomatoes--Idaho Grown

PRICES ON TOMATOES ARE POSTPAID.

**CULTURE**—The best crops are grown in light soil. For extra early fruit the seed should be sown in a hot-bed about the first week in March. Sow seed in rows 4 inches apart and cover ½ inch deep. Enough plants for a small garden may also be grown in shallow boxes or flower pots in a sunny window in the house. When the weather becomes warm out of doors, gradually harden them by exposing them to the air. When all danger of frost is past, set out in the open and water until the plants are established.

**JUNE PINK**—Yields as much as Spark's Earliana and Chalk's Early Jewel; ripens a few days before the Earliana and about 10 days before the Jewel. It is considered in this section as the best of all early tomatoes. Should not be planted as a main crop when the grower intends to sell to shippers, for it has proved a failure for this purpose, as the tomato is too tender and skin too thin to stand shipping. Pkt., 5c; large pkt., 10c; ¼ oz., 20c; 1 oz., 75c; ¼ lb., \$2.00; 1 lb., \$4.50.

**TRUCKERS' FAVORITE**—A purple variety of unusual merit. Its fine, smooth, uniformly shaped fruits command the highest market price. The fruits are thick-meat and very solid; the meat is of the finest flavor, making them equally desirable for slicing, canning and cooking purposes. A basket of these tomatoes is a most attractive sight and those offering them for sale will find the demand larger than the supply. Pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

### LIVINGSTON'S BEAUTY—

This splendid tomato is without doubt the most widely known and popular of all the purple-fruited varieties. A hardy strong grower, productive, large, always smooth; color is a very glossy crimson, with a tinge of purple. Grows in clusters of four to six large fruits, retaining its splendid size until late in the season. Ripens quite early, entirely free from ribbed and elongated fruit. Flesh very firm; has a tough skin and few seeds. Seldom rots or cracks after a rain. For shipping and general marketing purposes it can not be excelled. Picked quite green, will still ripen nicely. Pkt., 5c; ¼ oz., 15c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.



June Pink

**CHALK'S EARLY JEWEL**—One of the most valuable early tomatoes. Matures about a week or ten days later than the Earliana; fruit bright red, much handsomer and heavier, produces more abundantly and continually than that sort. Pkt., 5c; ¼ oz., 10c; oz., 50c; ¼ lb., \$1.10; 1 lb., \$3.25.

## EARLY BIRD TOMATOES

(See Novelties, Page 3)



Livingston's Beauty



## TOMATOES—Continued

**SPARK'S EARLIANA**—This is a remarkable early tomato, quite handsome and of good size. It should be planted when early tomatoes are wanted, but not for the main crop. Pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

**BONNIE BEST**—An early scarlet-fruited tomato which has proven a success all over the country. It is from ten days to two weeks earlier than Chalk's Early Jewel, which it otherwise resembles. It is smooth, very even in size, very solid, and also very prolific. It is one of the best house-garden, canning and shipping tomatoes in existence. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**ACME TOMATO**—Well known, bright, standard variety tomato grown extensively throughout the middle states; very prolific; of a rich pinkish color; often found in clusters of eight to ten good, even-sized tomatoes. Is practically coreless and not apt to split. The vines are medium and short jointed. The flavor is excellent. Price: Pkt., 5c; ¼ oz., 15c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$2.75.

**IMPERIAL**—The fruits are thick-meated and very solid; the meat is of the finest flavor, making them equally desirable for slicing, canning and cooking purposes. A basket of these tomatoes is a most attractive sight and those offering them for sale will find the demand larger than the supply. Pkt., 5c; oz., 50c; ¼ lb., \$1.50.

**PONDEROSA TOMATO (Improved Strain)**—An extensively advertised tomato that has lived up to all the good things said about it. By "Improved Strain" we mean the globular, smooth and uniform tomato planted so extensively in the South, and not the oblong, rough, uneven Ponderosa that was first introduced by Eastern houses. The Improved Ponderosa is a purple tomato, being of the same color and grade as the Beauty. It is not only the largest, but the heaviest tomato grown, and considered by thousands as the best early, large slicing tomato. It keeps bearing the entire season. A fine sort for the home gar-

den. Pkt., 5c; ¼ oz., 15c; 1 oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.50.

**NEW STONE**—Best shipping tomato, and if you are intending growing for the car-lot shippers, do not overlook this wonderful bright red, perfectly smooth tomato. It is not being given the cultivation it deserves in this section. It is a sure crop. Fruit larger and more prolific than the Beauty. It is a good keeper. Flesh solid and free from core. Statistics of the entire country show that there are more Stone tomatoes grown than any other six varieties put together. Pkt., 5c; ¼ oz., 15c; oz., 50c; ¼ lb., \$1.50.

**LIVINGSTON'S GLOBE**—An early, beautiful variety and, on account of shape, it permits a greater number of slices than other sorts. Its flesh is firm, has few seeds, ripens evenly and early; produces large clusters, containing 3 to 7 fruits. It can be truthfully stated that the plants are literally loaded with fruit. This tomato should be given more attention by the out-of-door planters, for it is early and produces an abundant crop, being well liked by the trade. The best sort for the green-house. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.

## ODD VARIETIES TOMATOES

**YELLOW PLUM**—Fruits average two inches in length, and are an inch in diameter; bright lemon color, excellent flavor; fine for preserving. Pkt., 5c; ¼ oz., 15c; 1 oz., 50c; ¼ lb., \$1.75.

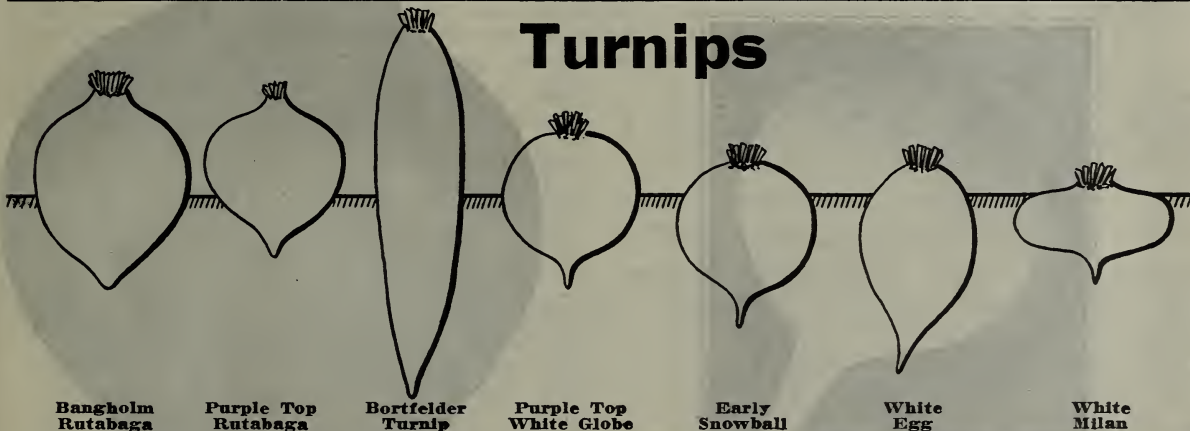
**YELLOW PEAR**—Similar to the Yellow Plum but fruits are a pear shape. Pkt., 5c; ¼ oz., 15c; ¼ lb., \$1.75.

**RED CHERRY**—Fine for preserving; fruits of bright red color. Presents a beautiful appearance. Pkt., 5c; ¼ oz., 15c; ¼ lb., \$1.75.

**HUSK TOMATOES**—Used for preserving purposes only. Pkt., 5c; ¼ oz., 15c; ¼ lb., \$1.75.

**MIXED SMALL TOMATOES**—Above four sorts. Pkt., 10c.

## Turnips

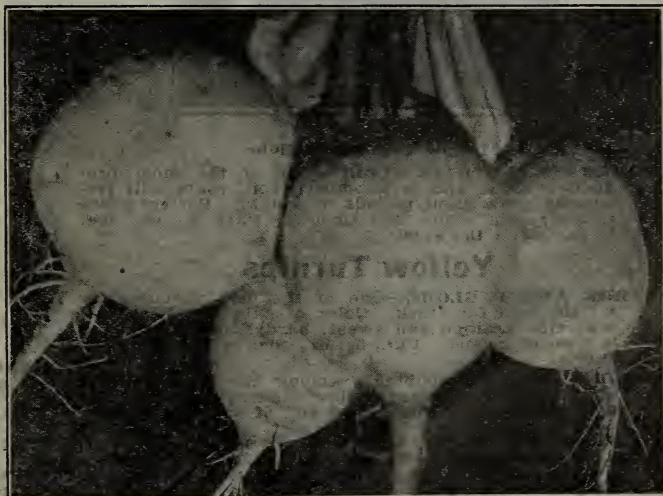


This diagram shows comparative sizes and shapes of different varieties of Turnips and Rutabagas, also portion above ground.

**CULTURE**—Turnip is one of the first seeds to be sown in the spring. As soon as the ground can be worked, spade or plow deeply and prepare the surface finely, raking off all clods and stones. Sow the seeds at once in the freshly dug soil; sow very thinly and rake the seeds into the soil ½-inch deep; when up, thin out to 3 inches apart. Turnips become tough and strong during the hot weather, and the sowings should be so regulated that they will become fit for use either early in the summer or late autumn. For winter use, sow from the middle of July to the end of August.

**EXTRA EARLY WHITE MILAN**—This is the earliest turnip and is grown exclusively for bunching for the early market. A flat variety, and for this reason has practically no sale after the globe-shaped sorts are offered. Pkt., 5c; large pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50. Postpaid.

**EARLY SNOWBALL**—Very rapid grower, being white, and is the first of the globe-shaped sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Postpaid.



Early Snowball



**EARLY PURPLE TOP STRAP LEAF**

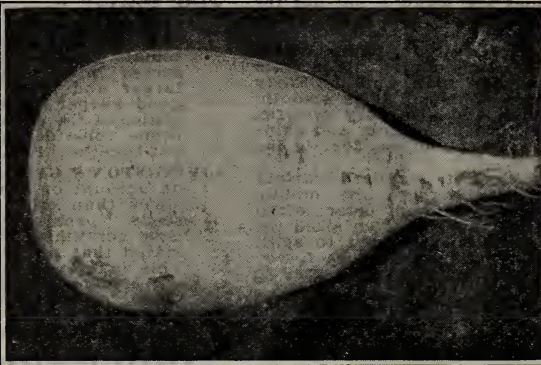
This is a flat shaped turnip—one-third of the upper portion is purple, balance of the skin is white. In many localities this variety is preferred on account of its fine flavor and it finds a place in many home gardens. It is not extensively planted by market gardeners. Pkt., 5c; large pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., 90c.

**LONG WHITE, OR COW HORN—**

This variety grows large, partly above the ground. Flesh white and sweet. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

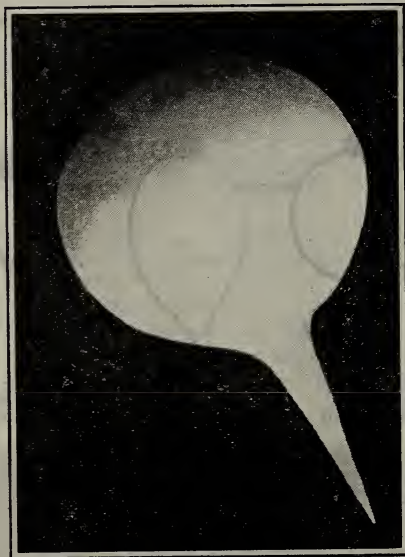
**WHITE EGG IMPORTED SPECIAL STRAIN—**

This variety is without doubt the best bunching turnip for this market. The White Egg is the standard and when it is offered all other sorts are slow sale; is especially profitable for this market when grown so as to be ready by August 1st, for during that month the shippers eagerly buy all that is offered. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**TURNIPS—Continued****White Egg****WHITE EGG ("Hartner's Gold Seal")—**

This strain of white Egg turnip is the standard for market gardeners who plant for sacking purposes. It is an unusual quick grower and never fails to produce even size, pure white turnips of perfect shape. After you have harvested your crop of early peas, beans, cabbage, lettuce, etc., you will have plenty of time to secure a good crop of turnips of this strain from the same piece of ground. The skin and meat are as white as snow, being very crisp, tender and sweet, and is known as the best turnip for keeping or storing throughout the winter. Due to its sweet flavor it is regarded as the finest eating turnip under cultivation. Price: Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00. Pstpaid.

**PURPLE TOP WHITE GLOBE—**The most popular turnip in cultivation, possessing the two qualities looked forward to from turnips; being both early and sweet. The demand for the Purple Top turnip is becoming greater each year, and in a short time it will be classed among the leading turnip for market gardeners. The flesh is snow white, crisp, sweet and solid; skin is pure white and smooth except at the crown and shoulders of the turnip; it is colored a rich, reddish purple. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

**Purple Top White Globe**

**POMERANEAN WHITE GLOBE—**One of the most productive kinds and in good rich soil, roots will frequently grow eight pounds in weight. Perfect globe shaped; skin white and smooth. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**Yellow Turnips**

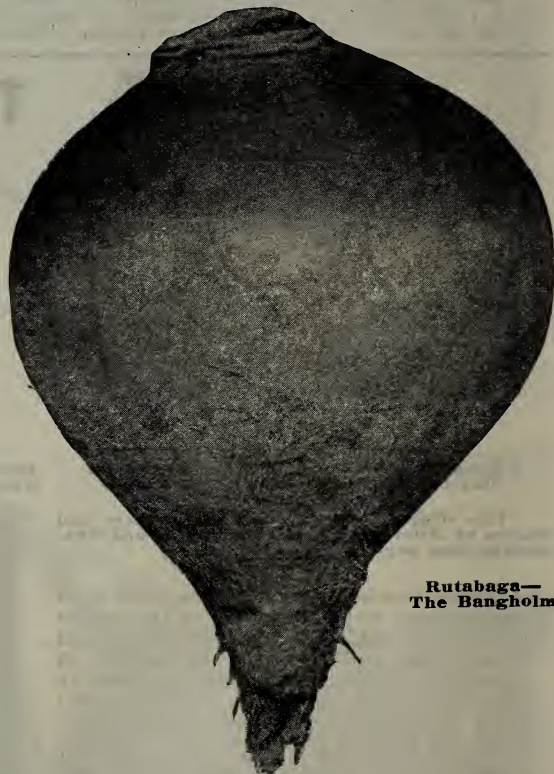
**LARGE AMBER GLOBE—**One of the best varieties for a field crop for stock. Color of skin and flesh yellow; fine grained and sweet; hardy, keeps well, and is a good cropper. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**GOLDEN BALL—**Undoubtedly among the most delicate and sweetest flavored yellow fleshed turnips. Not of large size, but firm, hard and of superior quality. Keeps well and is a fine table sort. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**YELLOW ABERDEEN—**Very hardy, productive and a good keeper. Color pale yellow, with purple top, shaped like a globe. Firm in texture, resembling rutabagas. Good for table or stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**DANISH BORTFELDER TURNIP — (Largest Turnip Grown)—**

In countries where turnips are grown extensively for feeding purposes, the Bortfelder is a favorite. It grows 2 feet in length and 5 inches in diameter, and of cream color flesh. It is a rapid grower and the most productive of all turnips. It is fed to stock same as mangels. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

**Rutabaga—  
The Bangholm****Rutabagas**

Rutabagas are excellent feed and when fed as mangels they greatly enrich the flow of milk.

**BANGHOLM RUTABAGA—**This is the largest Rutabaga grown and has been awarded the highest certificate by the Danish government as the best cropping Rutabaga. On several trials it has produced as much as 49 tons per acre where it is extensively grown. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

**IMPROVED AMERICAN PURPLE TOP—**Very hardy and productive; flesh yellow, sweet and solid. Good for stock or table use. The best yellow sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.



# Vegetable Plants and Roots

**WE ARE THE BEST EQUIPPED SEED HOUSE IN THE WEST FOR FURNISHING PLANTS**

We do not recommend sending plants by mail, but if you desire your order to come through the mail, we will do all in our power to have them reach you in good shape. If wanted by Parcel Post, add 5c per dozen, 10c per hundred, \$1.00 per thousand.

	Per Doz.	Per 100	Per 1000
<b>CABBAGE, Early</b> —Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Glory of Enkhuizen, Winningstadt. (Ready April 15th.).....	\$ .20	\$ .70	\$4.50
<b>CABBAGE, Late</b> —Hollander, Danish Round Head, Danish Ball Head, Evergreen Hollander, Flat Dutch. (Ready May 1st) or later if desired.....	.20	.70	4.00
<b>CABBAGE, Red</b> —Red Rock, Red Stonehead. (Ready April 15th) or later.....	.20	.70	4.50
<b>CABBAGE</b> —Savoy or Curly, Early Ulm, Drumhead Head Savoy. (Ready April 15th) or later.....	.20	.70	4.50
<b>EGG PLANT</b> —Black Beauty, New York Improved. (Ready May 20th) or later.....	.40	1.50	10.00
<b>CELERY</b> —Golden Self Bleaching, Hartner's Wonder. (Ready May 20th).....	.20	.65	4.00
<b>CELERY</b> —Giant Pascal. (Ready June 5th.) Also Hartner's Special Giant Pascal.....	.20	.65	4.00
<b>CAULIFLOWER, Early</b> —Dwarf Erfurt, Early Snowball, Maxine Snowball. (Ready April 15th).....	.25	1.00	6.50
<b>CAULIFLOWER, Late</b> —Hartner's Special Strain, Henderson's Snowball, Danish Dry Weather. (Ready May 1st).....	.25	1.00	6.50
<b>TOMATOES, Transplanted</b> —Early Bird, June Pink, Earliana—Chalk's Early Jewel, Beauty, Yellow Plum, Red Cherry, John Bear, Dwarf Champion. (Ready May 15th).....	.30	1.00	6.50
<b>PEPPERS</b> —Chinese Giant, Early Neapolitan, Pimento, Bull Nose, Mikado. (Ready May 15th).....	.30	1.00	6.50
<b>PEPPERS</b> —Chili, Cayenne, Ruby King, Ruby Giant. (Ready May 15th).....	.30	1.00	6.50

## VEGETABLE PLANTS

Furnished by us are grown from our best selected Gold Seal Strains—no better could be had.. The seed is furnished by our Vegetable Seed Department and the plants are grown by expert hot-bed gardeners.

**FOR LARGER AMOUNTS GET SPECIAL PRICES.**

**ASPARAGUS ROOTS**—The roots we offer are fresh stock grown from our best strains of Imported Seeds. We offer both one-year and two-year old roots, but for good quick results we recommend the two-year old strong, vigorous roots. The prices on Asparagus Roots are postpaid. The two best varieties grown in our section are the Palmetto and the Argenteuil; both produce green shoots that are tender from tips to base. We can furnish good, strong plants of the following: Giant Argenteuil, Palmetto, Conover's Colossal, Mammoth White. Good two-year-old roots, 1 doz., 35c; postpaid; 100 for \$1.50; postpaid; 1,000 for \$10.00, prepaid by express or Parcel Post.

**RHUBARB (Pie Plant)**—No garden is complete without this old standard. It is easy to start and improves each year. Although we have many varieties we recommend the Strawberry, Giant Red, Large Victoria. We have only two-year old roots that will do well in any soil. We can supply Strawberry, Giant Red, Large Victoria, Early Linnaeus, Australian Crimson Winter. Doz., 60c, postpaid; 100 \$4.00, postpaid. WRITE FOR SPECIAL PRICE ON LARGE AMOUNTS.

**HORSE RADISH**—Cut 4 to 6 inches long, and each root contains one good crown. This is one of the hardest vegetables for the garden or farm and can be planted in wet or soggy places where other plants do not do good. It gives results the first year. The larger roots can be taken up and stored for winter use. If grown for the market you will find it very profitable. 1 doz. roots postpaid, 20c; 100 roots postpaid, \$1.00. For larger amounts get our special price.

**ARTICHOKES (Jerusalem)**—The culture of the artichoke is similar to the potato, hence the name: "Potato Artichokes." For description see page 26. Price: 1 lb., postpaid, 15c; 10 lbs., postpaid, 70c. Write for price on large amounts.

**MINT ROOTS**—The true old-fashioned mint for seasoning; easy to grow and gives results the first season. Doz., 15c; clump of roots, 30c, postpaid.

**CHIVES (Schnittlauch)**—Although of the vegetable family it can also be used as a border plant for the flow-

ers. For flavoring soups, cottage cheese, etc. When using for flavoring the tall slender leaves or tops are clipped close to the ground and chopped up fine, the same as parsley. After cutting, the tops sprout again for future use; eight or ten cuttings may be obtained in one season. Per bunch, large, 30c, prepaid.

**SAGE**—One-year clumps. Each, 30c, postpaid.

**TARRAGON**—Highly recommended for Tarragon Vinegar. Each, 15c. Postpaid.

**ASTER PLANTS**—Our Aster Plants will be ready about April and May and can be packed and sent Parcel Post so as to arrive fresh and ready to set out. The flowers are very bright and showy in the garden, and elegantly borne on long stems most convenient for vase decorations. In form the flowers are somewhat chrysanthemum-like. Asters grow freely in any ordinary garden soil, and in order to secure size, brilliancy and numerous blooms, plenty of ordinary, well-rotted manure may be added to the bed. Plenty of water may be given when they are in the bud and going through a hot spell. Price: 1 doz., 35c, postpaid; 5 doz., \$1.50, prepaid.

**PANSY PLANTS**—Are true perennials and if covered throughout the coldest days of winter will start early in the spring to make a bush. They have become increasingly popular in recent years on account of their being so hardy, free flowering, and inexpensive. Their habit is exceedingly neat and the many old and beautiful colors include numerous very delicate as well as rich tints. They are very useful for bedding and borders and give continuous succession of bloom from early spring to autumn. The plants offered by us are grown from our Gold Seal mixture and produce larger flowers than any variety grown. But remember, the pansy cannot and will not live up to expectations unless placed on strong ground that has been heavily fertilized with well rotted barnyard manure, and in most cases does best in a shady location. Always remember that pansies must have plenty of water. 1 doz. plants ready to bloom, 40c; 5 doz., \$1.75, prepaid; young plants, mixed colors, per 100, \$2.30, not prepaid.

## VEGETABLE PLANT COLLECTION. (60 cts. Postpaid.)

We are offering you here a fine collection of good strong plants, a dandy assortment for an average garden. Extra care is given this collection, both as to the grade and packing, so that they will carry good by mail.

1 doz. Early Cabbage Plants.  
1 doz. Late Cabbage Plants.  
½ doz. Large Tomato Plants.

½ doz. Large Green Pepper Plants.  
1 doz. Snowball Cauliflower Plants.



# Sweet Peas

## Spencer and Grandiflora Types

PRICES POSTPAID.

We offer, as given below, many varieties of Spencer Sweet Peas, which are grown for us by the very best and most careful sweet pea growers in the country. Therefore, our seed produces the highest grade and finest flowers.

**CULTURE**—A deep, rich, moist soil is best suited to cultivate Sweet Peas; hence a trench should be dug one foot deep and filled with the very best loam mixed with bone meal or well rotted stable manure.

Sow early, covering about  $\frac{1}{2}$  inch deep, and by degrees as the vines grow up, fill the trenches with soil. Spring sowing should be made just as soon as the ground can be prepared.

Sweet Peas should not be grown on the same soil year after year. If the location cannot be changed, the soil, to a depth and width of a foot or more, should be removed and replaced with soil from another part of the garden or grounds.

After the plants are two inches high, cultivate as they grow and a light sprinkling of Wizard Fertilizer, worked into the soil will be a great benefit. When the plants are about 5 inches high some support should be furnished, such as bush wire netting, strings, etc.

Plant as early as possible. For an abundance of flowers, give plenty of water and keep the flowers picked.

One ounce of seed to 10 feet of drill.



King White Spencer

**TRUE SPENCER SWEET PEAS (Orchid Varieties)**—Many people believe that the SPENCERS are nothing more than large flowering varieties graded and selected from the common strains of Sweet Peas. But this is not true, for Spencer Sweet Peas are of a different and grander type; the color, curves, aroma and gigantic size attained through Spencer strains could never be found in the common grades. You will note from description that we have selected only the very best types of separate colors, those that we know will give satisfaction. Our mixed Spencers contain all the Standard varieties, including our selection of straight colors.

**1175—SPENCER MIXED**—The distinguished characteristics of the new Spencer Sweet Peas are the splendid form and gigantic flowers, which are waved and fluted, which often measure two inches across. The stems are very long and strong, and often bear four blossoms, which remain in bloom much longer than other Sweet Peas. This mixture includes all the Spencers

**1159—VERMILLION BRILLIANT (Spencer)**—The most brilliant Scarlet Spencer yet produced. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1160—MARIE CORELLI (Spencer)**—Has become very popular both with the fanciers and those who grow for the market on account of its being almost a sure producer of four large Rose Crimson blooms to the stem. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1161—CAPTAIN OF THE BLUES (Spencer)**—Waved Spencer type, very large, bluish purple, with margins of lilac. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1162—ELFRIDA PEARSON (Spencer) Pink**—The flowers of this strain are the largest produced by any variety grown, being bold and full of lasting quality when cut. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1163—KING EDWARD (Spencer) Red**—Undoubtedly the largest and best scarlet Sweet Pea to date. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1164—OTHELLO SPENCER**—The stems are thick and carry three and four extra large deep rich maroon flowers of even size. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1165—MRS. ROUTZAHN (Spencer)**—A large flowering sort with thoroughly crimped and wavy leaves. The large blooms are of a buff or apricot ground flushed with a delicate pink deepening toward the edges. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1166—HELEN LEWIS (Spencer)**—One of the cleanest cut Spencer Sweet Peas ever introduced. Its color is of a rich crimson orange. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1167—ORCHID (Spencer)**—A distinct new type of lavender. They are of extra large size, always borne three and four (with plenty of fours), on long, stiff stems. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1168—MARGARET ATLEE (Spencer)**—This magnificent specimen of Spencer type produces the most perfect shaped flowers of the delicate shades of cream and pink. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1169—KING WHITE SPENCER (Selected)**—The most beautiful of all white sorts, and growers who like a good large white for the garden could not select another the equal to this. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1170—PRIMROSE SPENCER**—The most distinct primrose color Sweet Pea under cultivation, and being of the Spencer type its flowers are large and very often you find four blooms borne on long stout stems. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1171—WEDGEWOOD**—The long sought for color in Sweet Peas, of unique shade of lovely light blue and completely eclipses all other varieties. Very fluffy, long stems and often four blooms on each. One of our best Spencer types. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1172—FLORENCE MORSE (Spencer)**—This beautiful blush colored Spencer is a favorite among our most severe critics, for its vines are almost a solid mass of blooms from the beginning until the end of the season. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

### "Great Four" Spencer Collection 30c

Martha Washington—Giant rose pink.  
King Edward Spencer—Giant Crimson.  
White Spencer—Giant White.  
Asta Ohn—Best large lavender.

**1173—ASTA OHN (Spencer) Lavender**—The finest lavender Spencer Sweet Pea; comes remarkably true to type and producing elegant flowers in great profusion. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

**1174—MARTHA WASHINGTON (Spencer)**—A very distinct type in a class of its own owing to change in color as the season advances, for when the first blooms commence to show the edges are heavily spotted or peccotied with a deep rose and as the flowers get older the wings become heavily flushed and covered with a deep rose color. The blooms are large and beautifully waved, making it a first choice among fanciers. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.50.

we describe above, besides many other varieties to make a well balanced array of color and beauty. As Sweet Peas are one of our specialties, we aim to surpass all others in our Sweet Peas and we give our mixtures our special attention. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.



## Grandiflora Sweet Peas

### PRICES POSTPAID

Prices on Grandiflora Sweet Peas, straight colors.

Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.40.

**DOROTHY ECKFORD**—One of the best of all white sorts

**BLANCHE BURPEE**—Very large, white.

**HON. MRS. KENYON**—The best yellow to date.

**QUEEN VICTORIA**—Light Primrose.

**KATHERINE TRACY**—Brilliant pink.

**PRIMA DONNA**—Pure pink, large flower.

**APPLE BLOSSOM**—Crimson pink.

**PRINCE OF WALES**—Rose crimson.

**LOVELY**—Soft shell pink.

**BLANCHE FERRY**—Pink and white, extra early.

**GORGEOUS**—Salmon orange, wings softer and deeper.

**LADY GRISEL HAMILTON**—Best lavender, giant flowered.

**MRS. WALTER WRIGHT**—Rose purple.

**MAID OF HONOR**—White edged lavender.

**DUKE OF SUTHERLAND**—Large violet and indigo.

**BLACK KNIGHT**—Deep maroon.

**SHAZADA**—Rich dark maroon.

**COCINEA**—Cherry on pure cerise.

**KING EDWARD**—Bright red, large flowers.

**QUEEN ALEXANDRIA**—New scarlet, giant size.

**SALOPIAN**—One of the best dark bright red.

**CAPTAIN OF THE BLUES**—Purplish mauve.

**NAVY BLUE**—Deep violet blue.

**LORD NELSON**—Brilliant blue.

**AMERICA**—The brightest blood red, striped white.

**AURORA**—White flaked with orange salmon.

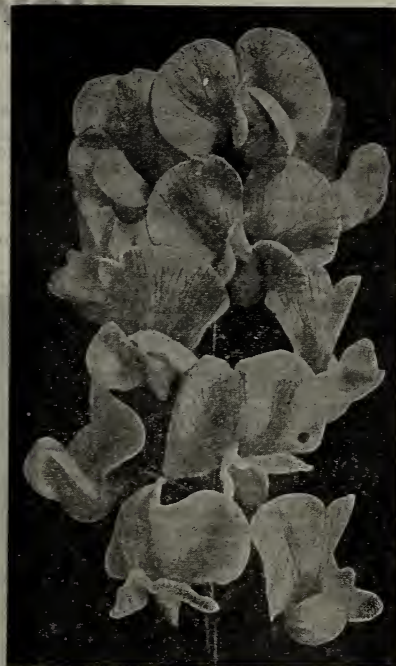
**HELEN PIERCE**—New blue with dark grain markings.

**SENATOR**—Purplish blue, striped white.

**STELLA MORSE**—Apricot shade.

**FLORA NORTON**—A very rich lavender.

**JENNIE GORDON**—Beautiful rose pink.



Everlasting Sweet Peas

## Mixed Sweet Peas

### CALIFORNIA GIANTS

**GOLD SEAL MIXTURE**—Every color of the rainbow. An almost unlimited variety of shades, tones and combination of colors. The best and most desirable mixture possible to make, including the large flowering sorts and many magnificent Spencers. It is made up regardless of expense. This mixture was especially made to give satisfaction. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25, Postpaid.

**STRIPED VARIETIES, MIXED**—A beautiful mixture, made up exclusively of striped, mottled and flaked varieties. Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

**SOLID COLOR MIXTURE**—This mixture consists of the most beautiful varieties of solid colors for many of our patrons do not care for the striped or variegated varieties, but prefer a mixture containing such colors as red, scarlet, violet, blue, purple, white, pink, lavender, maroon, etc. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**EVERLASTING SWEET PEAS**—A hardy, perennial climber, growing 10 feet high. Flowers resembling Sweet Peas, but are borne on racemes with eight to ten flowers to the stem. Pkt., 10c; oz., 25c.

## Free---To Every Customer---Free

### FLOWER SEEDS, DAHLIAS AND GLADIOLUS

Every one is fond of flowers, and every farm, garden or ranch should have them about the house. So we have made up a selection of flowers that will bloom all season, and produce an abundance of beautiful flowers. This collection consists of six packages of Flower Seed, 3 strong Dahlia roots, different colors, and 12 fancy Groff's Strain Gladioli Bulbs. The six packages of flower seed consist of: 1 package each of Cosmos, Verbena, Sweet Mignonette, French Marigold, Salpiglossis and 1 ounce of California Giant Mixed Sweet Pea. The above six packages of flower seed will be sent to any of our customers free, sending us an order for flower or vegetable seeds that will amount to \$2.00, and if your order is \$4.00 we will include the Dahlias. If your order is \$8.00 or more, we will send the whole collection of Flower Seed, Dahlias and Gladiolus.

### NOTICE.

Some of our customers do not have the time to spare about the flower garden and others are unable to provide water for flowers, so do not care for the free collection, and we are sending it only upon request. Those who wish it must ask for it.



Grandiflora Sweet Peas



YOU CAN ORDER FLOWER  
SEED BY NUMBER.

# Flower Seed

PRICES ON FLOWER SEEDS ARE POSTPAID

## ASTERS

**1000—ABRONIA umbellata**—Sand Verbena. Very pretty, trailing plants; numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Pkt., 5c.

**1001—ACROLINUM (Everlasting, Mixed)**—A hardy half annual, producing white and rose colored double daisy-like flowers. Pkt., 5c; oz., 25c.

**1002—ADONIS FLOS**—A handsome hardy annual, foliage dark green, flowers blood red. Pkt., 5c; oz., 35c.

**1003—AGERATUM**—Dwarf border flower, grows good anywhere; very attractive. Dwarf Blue—Pkt., 5c; oz., 40c. Mixed Colors—Pkt., 5c; oz., 25c.

**1004—AGROSTEMMA**—A hardy free bloomer, annual bright rose red, sometimes called (Rose of Heaven). Pkt., 5c; oz., 35c.

**AMARANTHUS**—Annuals used for tall borders where foliage effects are desired. Leaves and stems are different shades of red, blended with green.

**1005—TRICOLOR (Joseph's Coat)**—Leaves of red, yellow and green, especially brilliant. Tall border plant. Pkt., 5c; oz., 35c.

**1006—CAUDATUS (Love Lies Bleeding)**—Of drooping habit, flowers blood red. Pkt., 5c; oz., 35c.

**ALYSSUM**—These are without doubt one of the easiest flowers grown. For borders, baskets, pots, rockwork and for cutting. In borders, sow thickly, so as to form masses, early in spring or even the previous autumn.

**1007—ALYSSUM, SWEET**—Grows with innumerable clusters of small white flowers of a delicate fragrance. Pkt., 5c; oz., 35c.

**1008—LITTLE GEM (Carpet of Snow)**—Plant grows about six inches high and is covered with a compact mass of beautiful white flowers, used mostly for borders. Pkt., 5c; oz., 50c.

**1009—AQUILEGIA**—Mixed. French Columbine; easy grown from seeds; same as Rocky Mountain Columbine; assorted colors. Pkt., 5c; oz., 35c.

**1010—BALSAM (Lady's Slipper)**—The colors range from white to dark purple, sometimes spotted or striped. The seed should be started indoors and after frosts plant in the open 12 inches each way. Double mixed. Pkt., 5c; oz., 35c.

**1011—DWARF MIXED**—Stalks 1 foot high. Pkt., 5c; oz., 50c.

**1012—DOUBLE CAMELIA**—Mixed. Pkt., 10c; oz., 60c.

**1013—BALLOON VINE**—This half hardy annual grows 10 feet high, leaves very pretty, having white flowers. Pkt., 5c; oz., 25c.

**1014—BRACHYCOME (Swan River Daisy)**—Free flowering; dwarf growing annuals; covered during the greater part of the summer with a profusion of pretty blue and white flowers. Suitable for edgings; 9 inches high. Pkt., 5c; oz., \$1.00.

**1015—BROWALLA**—A favorite profuse blooming, bedding plant, covered with beautiful flowers during the summer and autumn; of blue with white center; grows freely in any rich soil. Pkt., 5c; oz., 50c.

**1016—CALENDULA**—Cape, or Pot Marigold. Will grow in almost any soil. Blooms abundantly and continuously. Hardy. Pkt., 5c; oz., 25c.

**1017—CALLIOPSIS**—Thrives in any soil. Blooms until frost; 12 to 30 inches. Pkt., 5c; oz., 40c.

**1018—CAMPANULA**—Bellflower, Canterbury Bell. Bears a great profusion of attractive, bell-shaped flowers. Thrives in almost any soil. 1 to 2 ft. Hardy Perennial. Pkt., 5c; oz., 40c.

**1019—CANARY-BIRD FLOWER**—Finely cut leaves, and bears a profusion of beautiful golden yellow, fragrant flowers. T. A. Climber 10 feet. Pkt., 5c; oz., 25c.

**CANDYTUTT—Iberis**—Requires little care; blooms all summer. Sow in early spring and in August. H. A. 6 to 12 inches.

**1020—EMPRESS**—Large, white trusses of branching habit; very free blooming. Recommended for bedding and cut-flowers. Pkt., 5c; oz., 30c.

**1021—MIXED**. All sorts. Pkt., 5c; oz., 25c.

**1022—CANNA—Indian Shot Plant**—Produces a rich effect with broad and massive foliage and spikes of brilliant flowers. Pierce shell of the seed and soak in warm water 24 hours. Blooms from seed the first year. T. P. 2 to 5 feet.

Fine Mixed. All colors. Pkt., 5c; oz., 15c; ¼ lb., 50c.

**ASTERS**—The asters are now among the most interesting, beautiful and satisfactory of flowers; late years have added charming new colors and gigantic size to the kinds now being grown in this country. They thrive and flower throughout the entire summer and there is hardly a prettier sight than a bed of asters in full bloom. They will do well in a partly shaded position where their blossoms last longer and attain a deeper tint than in full sunshine. The aster is of easy culture and when started from seed should be sown in March or April in the hot bed, green-house, or in boxes, and when the plants have three or four leaves, transplant to the open, 18 inches apart each way. For Aster Plants, see page 67.



Crego Giant Asters

**CREGO GIANT ASTERS**—This class of asters are so unique that we feel they should have a section all to themselves. Of free, sturdy growth, attaining a height of 2 to 2½ feet. The foliage a glossy green, the branches bearing literally in masses the most graceful fluffy flowers rarely less than four inches across, as beautiful as the most exquisite Chrysanthemum, keeping in good condition longer than any other aster of this type. Blooms August to late frosts.

### CREGO GIANT—

1026—Pink .....	Pkt., 10c; ¼ oz., 40c
1027—Blue .....	Pkt., 10c; ¼ oz., 40c
1028—Lavender .....	Pkt., 10c; ¼ oz., 40c
1029—Violet .....	Pkt., 10c; ¼ oz., 40c
1030—Crimson .....	Pkt., 10c; ¼ oz., 40c
1031—White .....	Pkt., 10c; ¼ oz., 40c
1032—Mixed Colors .....	Pkt., 10c; ¼ oz., 40c

In the above named Crego Giants we feel sure that we have listed only those of the finest types, and feel sure that satisfaction will be given in each variety. We offer any three pkts. of the above for 25 cents.

**1033—ASTER "Queen of the Market"**—Extra early, finest mixed. Pkt., 10c; ¼ oz., 30c.

**1034—GIANT COMET**—Mixed—Forms flowers of extraordinary size and beauty. Pkt., 10c; ¼ oz., 30c.

**1035—OSTRICH PLUME ASTER**—Very fine, mixed. Pkt., 5c; ¼ oz., 25c.

**1036—AMERICAN BRANCHING**—Very large flowering, mixed. Pkt., 10c; oz., \$3.00.





Carnation—Marguerite

**MARGUERITE CARNATION**—Are an extra vigorous race, especially adapted for outdoor culture. They are very neat in habit, and remarkable for their rich profusion of flowers. For masses of blooms, few plants are finer; they are also very suitable for pots.

1023—**GIANT MIXED**—Pkt., 10c; ¼ oz., 50c.

1024—**CHABAUD PERPETUAL DOUBLE**—Mixed, yellow, white, etc., 1½ feet; blooms in six months. Pkt., 10c; ¼ oz., 75c.

1025—**GRENADINE DOUBLE**—Brilliant, grows 2 feet, mixed. Pkt., 10c; ¼ oz., 30c.



Chrysanthemum, or Paris Daisy

**CHRYSANTHEMUM**—Do not confuse these annuals with the winter-flowering sorts of the florists. They bloom profusely from early summer until frost, and when grown in large beds or masses, their bright colors make a splendid show. The plants can be brought into bloom early by sowing the seeds in frames or window boxes and afterwards transplanting to the gardens, or seed may be sown where the plants are to flower, if the seedlings are thinned to 8 or 10 inches apart. All are fine for cut flowers. Average height, 1 to 1½ feet.

1037—**CORONARIUM**—Double mixed. Pkt., 5c; oz., \$1.00.

1038—**FRUTESCENS**—(Paris Daisy or Marguerite)—Beautiful for cutting and pot culture; long-stemmed, single white flowers with golden centers. Pkt., 5c; oz., 50c.

**CLARKIA**—A very pretty hardy annual; blooms very freely and has flowers of various bright colors. Pkt., 5c; oz., 40c.

1039—**DOUBLE MIXED**—Pkt., 5c; oz., 50c.

1040—**COBEA SCANDENS** (Cathedral Bells)—One of the handsomest, rapid growing climbers; grows 20 to 30 feet in a season. Flowers are bell-shaped. The vine is always clear of insects. Pkt., 10c; oz., 75c.

## COCKSCOMB (Celosia Cristata)

A very ornamental plant. The bright red and crimson varieties are most effective, both in gardens and in winter bouquets, for which they are cut before fully ripe and dried in the house. The dwarf varieties make novel and attractive borders; the tall ones form striking groups. Transplanting into rich soil about the time the combs begin to form makes the flower heads much larger. They are bright from mid-summer until frost.

1041—**MIXED**—Extra large combs. Pkt., 10c; oz., 70c.

1042—**DWARF MIXED**—Pkt., 10c; oz., \$1.25.

1042½—**COLLINSEA**—A beautiful highly colored Annual Mixed. Pkt., 5c.

## COLUMBINE (Aquilegia)

Exceedingly showy, early flowering, hardy plants, growing about one to three feet high; do best in shady, moist places.

1043—**ROCKY MOUNTAIN COLUMBINE**—One of the most beautiful of our native flowers. Sepals deep blue, petals white. Pkt., 5c; oz., 25c.

1043½—**CASTOR BEANS** (Ricinus)—A flowering tropical appearing plant (not the kind used for oil, but strictly ornamental), 5 to 6 feet. Pkt., 5c; oz., 20c.

## CENTAUREA (Corn Flower)

The popular Corn Flower is also known as "Blue Bottle," "Ragged Sailor," "Kaiserblume," and sometimes as "Bachelor's Button." These are bright-flowered plants of the hardest nature and simplest culture, yet among the most attractive and graceful of all old-fashioned flowers.

1044—**CYANUS** (Corn Flower, Blue)—Pkt., 5c; oz., 25c.

1045—**CYANUS MIXED**—Pkt., 5c; oz., 25c.

1045½—**CATCHFLY**—Forms compact, rund bushes; produces dense umbels of red, pink, or white flowers; 12 inches. Mixed. Pkt., 5c.

## COSMOS

A strong, tall-growing annual, with bold flowers of exquisite daintiness and airiness, heightened in effect by their foliage-setting of feathery green. It is most effective when planted in broad masses or a long background border against evergreens or fences. Seed should be planted in early spring.

1046—**EXTRA EARLY FLOWERING MIXED**—Earliest of all. This new strain will produce flowers in July from seed sown in the open ground in May. Grows 4 feet tall. Pkt., 5c; oz., 35c.

1046½—**EXTRA EARLY GIANT PINK**—Pkt., 5c; oz., 35c.

1047—**CYPRESS VINE** (Ipomoea Quamoclit)—A tender annual climber with finely cut leaves and small, star-shaped flower. This type is scarlet-flowered; 10 feet. Pkt., 5c; oz., 15c.

## DAHLIA SEED

Dahlias are of easy cultivation; growing freely in most any soil from seed in the spring. Although perennial they will flower the first season if sown early.

1047½—**DOUBLE MIXED**—Pkt., 10c; oz., \$1.75.

1048—**DAHLIA**—Single Mixed. Pkt., 5c; oz., \$1.25.

**DAISY** (Bellis)—Seed sown in early spring will bloom the first summer, and continue for years if given slight protection during the winter. Should be grown in partial shade. H. P. 3 to 6 inches.

1049—**GIANT DOUBLE MIXED**—Pkt., 5c.

1050—**DIMORPHOTHECA** (African Daisy)—Rare and very showy annuals. From South Africa; having daisy-like flowers of a glossy salmon-orange shade with black central ring. A lovely color when flower is open in the sun. Pkt., 5c; oz., \$1.50.

1051—**DAISY** (Shasta)—A hardy perennial; sometimes called the California Daisy, and a beautiful flower with large white petals and dark center, measuring 3 to 4 inches across. Pkt., 5c.

1051½—**DUSTY MILLER**—An excellent plant for border foliage, light green, almost white. Pkt., 5c; oz., 30c.

## FORGET-ME-NOT

These dainty little flowers love cool, moist soils and, like pansies, bloom most freely in fall and early spring. They make beautiful close borders, or edgings.

1058—**MIXED COLORS**—Pkt., 10c; oz., 75c.

## FOUR O'CLOCK (Marvel of Peru)

Plants are large and require plenty of space. Flowers sweet scented, funnel-shaped, being white, red, yellow or striped. Open about 4 o'clock in the afternoon.

1059—**MIXED**—Pkt., 5c; oz., 15c.

## FOX GLOVE

The tall, flower-like spikes of the Fox Gloves, often 2 to 3 feet long, are particularly handsome when grown among shrubbery, or in bold masses.

1060—**MIXED**—Pkt., 5c; oz., 25c.





(California Poppy)

**ESCHSCHOLTZIA (California Poppy)**—Cheerful blooms and finely cut foliage. Sow where the plants are to remain. H. A. 12 to 18 inches.

- 1052—**Thorburnii**—Coppery orange ..... Pkt., 10c  
 1053—**Golden West**—Bright yellow, orange base.. Pkt., 5c  
 1054—**Carminc King**—Carminc-rose ..... Pkt., 10c  
 1055—**Californica**—Rich yellow ..... Pkt., 5c  
 1056—**Mixed**—Handsome colors ..... Pkt., 5c; oz., 25c  
 1057—**FEVER FEW**—Pretty and neat. Small, double, white flower, being hardy, annual, growing 2 feet high. Pkt., 5c; oz., 25c.

### GAILLARDIA

Showy and free bloomer, flowering profusely all summer. If sown in early spring, will bloom the same season.

- 1061—**GRANDIFLORA, MIXED**—Pkt., 5c; oz., 35c.

### GERANIUM

The most popular of bedding plants and for pot culture. The blooms are very brilliant and leaves are beautifully marked.

- 1062—**MIXED**—Consisting of double and single colors. Pkt., 10c; oz., \$1.25.  
 1062½—**GOURDS, MIXED**—This is a mixture of all the different gourds; all kinds of shapes and sizes, very interesting to grow. In this mixture you will find the large dipper, the nest egg, and many other artistic and odd shaped varieties. Pkt., 5c; oz., 25c.

### GYPSOPHILA

Small fragrant flowers, borne on long feathery stems. No flower adds more of light and grace to a bouquet than this, and when once grown will be found indispensable.

- 1063—**GYPSOPHILA**—White, "Annual." Pkt., 5c.

### HELIOTROPE

These well known green-house and bedding favorites are highly valued for their scented flowers. Should have light, rich soil.

- 1064—**PURPLE**—Pkt., 10c; oz., \$1.50.  
 1065—**FINEST MIXED**—Pkt., 10c; oz., \$1.50.

### HOLLYHOCKS

These stately, old-fashioned perennials are most striking when seen in groups or long rows against evergreen hedges, shrubbery, etc., and, in their turn form a very fine background for plants of lower growth.

- 1066—**MIXED DOUBLE**—Pkt., 10c; oz., \$1.00.  
 1067—**MIXED SINGLE**—Pkt., 5c; oz., 65c.  
 1068—**HOP (Japanese Variegated)**—Humulus. There is no hardier vine than this. Resists drought, and insects never bother it. The foliage is beautifully variegated, splashed and streaked with white. 15 to 20 ft. Pkt., 10c.  
 1068½—**HYACINTH BEANS**—Ornamental climbers, gives plenty of shade. Pkt., 5c.  
 1069—**ICE PLANT (Mesembryanthemum)**—Flowers frosted or wax-like. Leaves of great substance. Excellent for hanging baskets or rockwork. 6 in. Pkt., 5c.  
 1070—**KOCHIA (Silver Cypress)**—A splendid ornamental annual; grows 2½ feet high; leaves slender, of cypress-like appearance during summer, changing their light green foliage to carmine. Pkt., 5c; oz., 35c.  
 1071—**LANTANA**—A rapid growing plant. The flowers borne in Verbena-like heads, embracing every shade of pink, purple, orange and white. Mixed—Pkt., 5c; oz., 25c.

### LARKSPUR (Delphinium)

In variety and beauty of its blue tints, which are as numerous as they are charming, no other plant can equal the Larkspur. The brilliant flowers are strongly effective in beds or masses, in borders, shrubberies, or in combination with white lilies.

Ordinarily the tall sorts are planted among the shrubbery, or as background for dwarfs, which are favorites for bedding.

- 1072—**DOUBLE DWARF, MIXED**—Beautiful spikes of double flowers in many shades. Hardy annual, 1 foot high. Pkt., 5c; oz., 35c.

### LOBELIA (Erinus Gracilis)

Charming little plants that bloom very quickly from seed and continue gay with flowers all through the season.

- 1073—**ROYAL PURPLE**—Deep blue, with a distinct white eye. Pkt., 10c; oz., 75c.  
 1074—**MIXED (Gracilis)**—Pkt., 5c; oz., 65c.

### MARIGOLD

An old-fashioned flower, giving the garden such a grand glitter of yellow far into the frosts of autumn.

- 1075—**AFRICAN ORANGE**—Rich orange color. Pkt., 5c; oz., 25c.  
 1076—**FRENCH DWARF, MIXED**—Double. Pkt., 5c; oz., 25c.

### MAURANDIA

- 1077—**MAURANDIA**—Beautiful, rapid climber; blooms profusely until late in the autumn; will flower the first season when planted in the spring. Pkt., 10c; oz., \$2.00.

### MIGNONETTE

This popular, quick-growing annual bears sweet, modest flowers. Seed can be sown at almost any time in spring. Large flowering.

- 1078—**RESEDA ODORATA GRANDIFLORA**—Sweet. Pkt., 5c; oz., 25c.  
 1079—**MACHET, GOLDEN GIANT**—Pkt., 10c; oz., 75c.

### MIMULUS

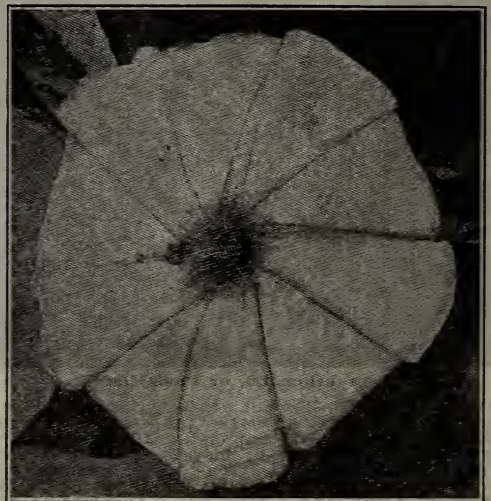
Showy, profuse flowering plants. Bloom the first year from seed if sown early.

- 1080—**TIGRINUS (Monkey Flower)**—Mixed. Pkt., 10c; oz., \$2.00.  
 1081—**MOSCHATUS (Musk Plant)**—Fine for hanging baskets. Mixed. Pkt., 10c; oz., \$2.00.

### MOURNING BRIDE (Scabiosa)

Well established garden favorites. They grow about 2 feet high and commence to flower early in July, continuing until frost. The flowers are borne on long stems and last a long time when cut. Fine for beds or for borders. Sow seed outdoors in spring when danger from frost is past.

- 1082—**MIXED TALL**—Pkt., 5c; oz., 70c.  
 1083—**DWARF DOUBLE MIXED**—Pkt., 5c; oz., 70c.



Moon Flower

### MOON FLOWER

- 1084—**MOON FLOWER**—A beautiful summer climber, grows 20 to 40 feet high, makes a nice shade for porches and bears a profusion of large, trumpet-shaped snow-white flowers; richly scented. Pkt., 5c; oz., 15c.

- 1085—**MORNING GLORY (Convolvulus Tall)**—One of the most popular climbers of very rapid growth, soon covering a fence with its abundant foliage. Flowers bell-shaped, of many bright colors. Finest mixed. Pkt., 5c; oz., 15c.

- 1086—**JAPANESE MORNING GLORY**—The leaves are mostly plain green, but some are oddly blotched white or yellow. Bears hundreds of flowers, varying from pure white to carmine, through blues and purple of every shade to almost black. Vines vigorous, growing to a height of 10 to 12 feet. Pkt., 10c; oz., 25c.



## NASTURTIIUM

This, with the Sweet Pea, is one of the favorite flowers, being easily grown; the flowers have a marvelous range of color, and the leaves are beautifully marked. Does not require rich soil. We divide this flower into two classes, tall or climbing and dwarf or Tom Thumb.

### VARIEGATED LEAVED NASTURTIUMS

1087—VARIEGATED LEAVED NASTURTIUMS—Every leaf is variegated with yellow, white and green, and some of the leaves are one-half to two-thirds yellow, while the others are mostly green but handsomely striped and blotched, making a very beautiful appearance in plants. The flowers are all colors. Pkt., 5c; oz., 35c.

### TALL OR TRAILING VARIETIES



Nasturtium

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot plants for winter flowering as screens, or as trailers for hanging baskets and vases.

- 1088—KING THEODORE—Dark crimson. Pkt., 5c; oz., 20c.  
 1087—HEINEMANN—Silky Bronze Chocolate. Pkt., 5c; oz., 20c.  
 1090—JUPITER—Giant flowering. Beautiful golden-yellow. Pkt., 5c; oz., 20c.  
 1091—SPITFIRE—Scarlet, of quick growth. Pkt., 5c; oz., 20c.  
 1092—PEARL—Beautiful cream, dark foliage. Pkt., 5c; oz., 20c.  
 1093—VON MOLTKE—Large flowers, mostly of a deep, rich, rosy red; others of a lighter pink. Pkt., 5c; oz., 20c.  
 1094—MIXED COLORS—Very fine. Pkt., 5c; oz., 15c.

### DWARF OR TOM THUMB VARIETIES

These have a neat, compact habit and attractive foliage, are not disturbed by insects, bloom in two months from sowing, and most profusely the whole season.

- 1095—KING THEODORE—Black velvety, darkest of all. Pkt., 5c; oz., 20c.  
 1096—LADY BIRD—Yellow spotted red. (Spotted King.) Pkt., 5c; oz., 20c.  
 1097—GOLDEN KING—Rich orange-yellow. Pkt., 5c; oz., 20c.  
 1098—PEARL—Creamy white. Pkt., 5c; oz., 20c.  
 1099—EMPRESS OF INDIA—Dark, rich salmon scarlet. Pkt., 5c; oz., 20c.  
 1100—MIXED COLORS—Very fine. Pkt., 5c; oz., 15c.

### NICOTIANA (Affinis)

- 1101—NICOTIANA—Species of tobacco. Valuable as decorative plants. Pkt., 10c; oz., 25c.

### NIGELLA

Curious and ornamental, funnel leaved, easily grown and hardy.

- 1102—MIXED—Pkt., 5c.

## PANSIES



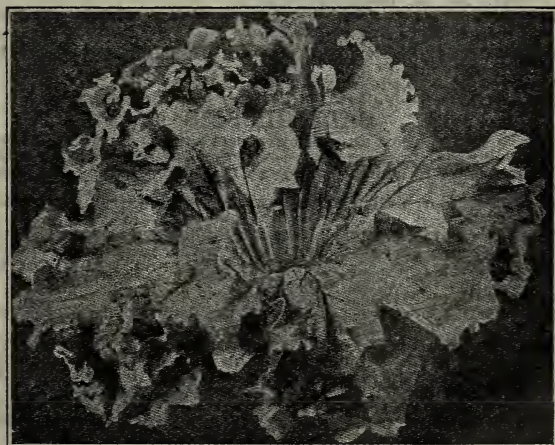
The Pansy is one of the most popular flowering plants in the West, and a large quantity of these beautiful flowers are sold on the Denver market every spring. They are generally put up in baskets of a dozen plants and the seed is sown the previous fall in green-houses and transplanted to cold frames.

The strains of Pansy seed we offer are far superior to any sold in this section. They are grown by Pansy specialists, are of advanced types and the largest varieties obtainable, and no garden should be without a bed of these beautiful flowers, called by the French Pansee (think of me). While the variations in shades of colors or markings appear without limit, our list includes the very best strains the world produces.

Seed may be sown in the open ground in March or April, and transplant when an inch high and will bloom the end of June. If sown in July, the plants will bloom in the fall. Well pulverized soil should be used and the seed covered one-eighth to one-fourth inch deep with fine soil, firmly pressed down. The largest and best flowers are produced by young plants which have been grown slowly in a rather shaded situation and in very rich soil. Hardy perennials, 4 to 6 inches high.

(For Pansy Plants, see Page 67.)

	Pkt.	1/8 oz.	Oz.
1103—Large Flowering—Finest mixed.	05c	25c	\$1.50
1104—Giant Mixed	10c	35c	2.00
1105—Giant Curled Goliath—Finest mixed	15c	50c	3.50
1106—Gold Seal Giants—Finest mixed obtainable	25c	75c	5.00
1107—PASSIFLORA (Passion Flower)—A very interesting climber. Flowers are blue and white. H. H. P.	Pkt., 10c.		



Petunia

PETUNIA—There is no flower more highly prized for use in beds, massing, borders, window-boxes, baskets and vases. Succeeds in almost any soil and is in bloom the entire summer. Sow thinly and do not cover seed to a depth of more than four times their size. H. H. A. 1 to 2 ft.

- 1108—PETUNIA, HYBRIDA—Finest mixed. Pkt., 5c; oz., 75c.

1109—PETUNIA, GRANDIFLORA—Double mixed. This variety is extra large flowered, cultivated from selected flowers of the very best varieties and colors. Pkt., 50c.





Shirley Poppy

**POPPY**—Everyone knows this grand old flower, and we have them single and double and all colors.

1110—**MIXED**—Pkt., 5c; oz., 25c.

1111—**ORIENTAL**—Enormous flowers; deep, flashing scarlet; entirely hardy everywhere, growing 3 feet in height. Pkt., 5c; oz., 75c.

1112—**SHIRLEY**—Santa Rosa Hybrids—Beautifully crimped petals; wonderful shades of blue, lavender, salmon, etc. Pkt., 5c; oz., 75c.

1113—**MIXED SINGLE**—All colors. Pkt., 5c; oz., 15c.

1113½—**ICELAND POPPY**—Very large, all colors, mixed perennial. Pkt., 5c; oz., 40c.

1114—**DOUBLE CARNATION**—Flowered Mixed—Very double fringed; colors dazzling. Pkt., 5c; oz., 15c.

### PORTULACA (Moss Rose)

This little annual is unexcelled for brilliancy among the flowers of low growth. Grows and blooms best through the hot sun and light, carpeting the ground with a mat of foliage, which in the forenoon is hidden with gayest of flowers. Sow seed in the open ground.

1115—**PORTULACA**—Large flower, double mixed. Pkt., 5c; oz., \$2.50.

1116—**PORTULACA**—Large flower, single mixed. Pkt., 5c; oz., 35c.

### PHLOX (Drummondii)

The annual Phloxes are dazzling in effect, particularly so when sown in masses. Average height, 1 ft.

1117—**GRANDIFLORA**, **STELLATA**—Star-like crimson. Pkt., 5c; oz., 75c.

1118—**PHLOX**, **DRUMMONDI**—Large flowering, finest mixed. Pkt., 10c; oz., 75c.

### PINKS (Dianthus)

They are hardy biennials that bloom finely the first season, remaining green all winter and blooming the next year also. Average height, 1 foot.

1119—**DOUBLE MIXED CHINA PINK**—All best colors. Pkt., 5c; oz., 60c.

1120—**DIANTHUS**—Double, extra fine, mixed (Indian Pink). Pkt., 5c; oz., 25c.

**PYRETHRUM**—Daisy-like flowers of bright colors. 2 to 3 feet.

1121—**ROSE**—Single mixed. Pkt., 10c.

1122—**GOLDEN**—Yellow. Pkt., 5c; oz., 75c.

### SALPIGLOSSIS

Half hardy annual; grows 14 inches high; flowers showy, large, funnel-shaped mottled, veined and self-colored. Requires a rich soil. Our strain is the best large flowering mixed.

1124—**GRANDIFLORA**, **MIXED**—Finest strain. Pkt., 10c; oz., \$2.00.

**STOCKS**—For bedding, borders, pot culture or bouquets. To secure early flowers, start seed in window-boxes or under glass in March or April, and transplant to the open ground the middle of May. 1½ to 2 feet.

1125—**FINEST MIXED** (Ten weeks)—Pkt., 5c.

1126—**SMILAX**—Deep, glossy green leaves; largely used in bouquets. Climber. 6 feet. Pkt., 10c.

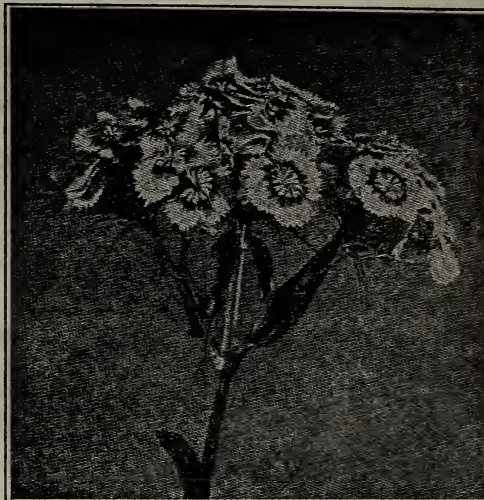
**SALVIA**—Scarlet Sage. Well known bedding plants carrying hundreds of long, flaming flower-spikes open at one time, making a fine display until frost. H. A. 18 to 36 inches.

1127—**SPLENDENS**, **BONFIRE**—The most profuse bloomer of all; plant is densely covered with flaming scarlet flowers. 2½ feet. Pkt., 10c; ¼ oz., 50c.

### SNAP DRAGON (Antirrhinum)

The Snap Dragon is one of our finest perennials, flowering the first year from seed. Its bright-colored, curiously-formed flowers always excite interest.

	Pkt.	Oz.
1128—Finest Tall Mixed.....	05c	75c
1129—Finest Dwarf Mixed.....	05c	75c
1130—White.....	05c	75c
1131—Scarlet.....	05c	75c
1132—Bright Rose.....	05c	75c
1133—Golden Orange.....	05c	75c
1134—Yellow.....	05c	75c
1135—Dark Purple.....	05c	75c



Sweet William

A splendid old-fashioned plant, producing large heads of beautifully-colored, sweet-scented flowers in abundance. Hardy, easily grown, flowering the second year from seed.

1136—**MIXED, SINGLE**—Pkt., 5c; oz., 25c.

1137—**MIXED, DOUBLE**—Pkt., 5c; oz., 75c.

**SUNFLOWER**—**RUSSIAN MAMMOTH**—Pkt., 5c; ½ lb., 15c; 1 lb., 25c. **DOUBLE** Pkt., 5c; oz., 15c.

### VERBENA

In rich soil, single plants of this pretty annual creeper will carpet a space 3 to 4 feet in diameter. For beds, borders, mounds, window boxes, etc., it is particularly fine and is frequently used as an undergrowth to tall plants like lilies.

1138—**HYBRIDA**, **MIXED**—Pkt., 5c; oz., \$1.00.

1139—**HYBRIDA GIGANTEA**—(Giant Flowered)—Enormously large, with brilliant white eyes, very striking. A splendid mixture of rich colors, with a large percentage of reds, in various shades, such as Tyrian-rose, purple-garnet, turkey-red, geranium-red, etc. Pkt., 10c; oz., \$1.50.

1140—**VERBENA**—White. Pkt., 10c.

1141—**VERBENA**—Blue. Pkt., 10c.

1142—**VERBENA**—Pink. Pkt., 10c.

1143—**VERBENA**—Defiance Red. Pkt., 10c.

### VIOLET

The Violet is a hardy perennial, blooming freely throughout the summer and autumn; of easy culture and seed may be sown out of doors, where the plants are to remain. The Violet is the emblem of modesty.

1144—**VIOLET**, **THE CZAR**—Blue. Pkt., 10c; oz., \$2.00.

### WALL FLOWER

Favorite sweet-scented flower of fine color; useful as spring bedding, flowering the first season from seed.

1145—**SINGLE**, **FINEST MIXED**—Pkt., 5c; oz., 75c.

1146—**DOUBLE**, **FINEST MIXED**—Pkt., 10c; oz., \$2.25.

1147—**WILD FLOWER GARDEN MIXTURE**—The wild flower garden is a mixture of all the flower seed we have for sale and can be offered at a much less price than when sold in separate packages. It includes all the fancy varieties of flower seeds, mostly of the dwarf sorts, thus making a fine bed of very attractive flowers. Pkt., 5c; ¼ lb., 15c; oz., 50c.

1148—**XERANTHEMUM**—A popular flower of the immortelle class. Blooming freely in common soil. Plant is of very compact habit. Mixed. Pkt., 5c; oz., 50c.

### ZINNIA

Few flowers are so early when grown from the seed, sown in the open ground. They bloom abundantly and continuously throughout the entire season. The seed offered by us is the very finest and contains the new strains.

1149—**DWARF DOUBLE MIXED**—More compact and neater of habit than tall varieties. Pkt., 5c; oz., 65c.

1150—**ZINNIA ELGANS**, **DOUBLE**—Finest mixed. Pkt., 5c; oz., 35c.

1151—**TALL DOUBLE YELLOW**—Pkt., 5c; oz., 75c.

1152—**TALL DOUBLE DEEP RED**—Pkt., 5c; oz., 75c.

1153—**DWARF MAGENTA RED**—Pkt., 5c; oz., 75c.

1154—**DWARF ORANGE**—Pkt., 5c; oz., 75c.

1155—**DWARF FLESH PINK**—Pkt., 5c; oz., 75c.

1156—**DWARF APPLE BLOSSOM**—Pkt., 5c; oz., 75c.

1157—**DWARF CRIMSON**—Pkt., 5c; oz., 75c.

1158—**VINE MIXTURE**—This mixture contains over 10 different varieties of Vine Seed, and where heavy foliage or vines are wanted, nothing better could be had than this mixture. It is bound to produce vines.

Pkt., 10c; oz., 50c.



# Nursery Stock For the West

## Apples, Cherries, Plums, Berries, Small Fruit, Roses, Plants and Roots

OUR STOCK PASSED STATE INSPECTION AND IS FREE FROM DISEASE

### SUGGESTIONS TO PLANTERS

Success depends in large measure on the treatment given to stock after it is received by the planter. Thousands of well grown, healthy specimens delivered in first-class condition, are annually lost through neglect and bad treatment. Avoid all unnecessary exposures to the air. The natural place for roots of trees is in the ground; preparations for their arrival should be made, everything should be ready and the trees or shrubs planted as soon as possible. An hour's exposure to hot sun or dry wind is sure death to many trees.

### PRICES

Our prices on nursery stock include packing and drayage to freight or express depot, but not prepay charges. The purchaser is to pay the freight or express charges unless arrangement has been made with us before goods are shipped. Mail us your list and we will make you a special delivered price.

### PRICES ON ALL VARIETIES OF APPLES

First Grade No. 1 Trees only

Each, 90c; Per 10, \$8.00; Per 100, \$60.00—Not Prepaid  
Larger Amounts, get our Special Prices

## Apples

We are listing only the varieties that have proven a success in the West, and we know that with the proper care and attention that is due any tree, a crop of fruit will result from any one of the many we have mentioned.

**EARLY HARVEST**—Medium to large; pale yellow, white fleshed, tender and sub-acid; ripens early during the summer; very productive.

**YELLOW TRANSPARENT**—Early to ripen; pale yellow when full ripe, of medium size, tender and good; free-growing and fruitful. Its early fruit is always welcomed.

**DUCHESS OF OLDENBURG**—A good sized early summer apple of pale greenish, yellow color, almost covered with regular splashes and stripes of bright red; very attractive, heavy yielder, very juicy.

**MAIDEN'S BLUSH**—Medium size, round, flushed with red on creamy yellow; very handsome, tender flesh.

**RED ASTRACHAN**—Large, round, deep crimson, very tender and juicy, somewhat tart; dandy for sauce and pies; makes a beautiful tree.

**ARKANSAS BLACK**—Very remarkably large and handsome, darkest crimson, almost black, speckled with white; juicy and delicious; late keeper.

**BALDWIN**—Very productive, handsome fruit; large, deep red with juicy flesh; an old standby.

**BEN DAVIS**—(Known everywhere). Always gives big results, color is red, splashed; a good commercial apple, but don't plant where a good eating apple is desired.



**DELICIOUS** — A most wonderful apple of unusual fine flavor; originated in our Western country. The fruit is large, of a brilliant dark red color; juicy, crisp and melting. Heavy cropper.

**GRIMES' GOLDEN** — Medium sized, beautiful golden color; does good in the West; splendid keeper.

**JONATHAN** — The old standby—heavy producer, brilliant red, sweet and juicy; excellent keeper.

**McINTOSH RED**—A beautiful red apple of good size, keeps well; flesh is pure white.

**MAMMOTH BLACK TWIG**—A large, dark red apple; fine eating and cooking; good keeper.

**NORTHWESTERN GREENING**—Very late to ripen, but keeps solid a long time, rich golden color; very productive.

**HOME BEAUTY**—Extra large and handsome, yellow with crimson cheek; juicy and bears heavy.

**WEALTHY**—The most popular early variety known; heavy producer, of medium size, red apples. One of the finest early eating or cooking varieties known; everyone should plant Wealthy apples.

**WINESAP**—One of our best red apples, too well known to describe; does fine out here in our country.

## Crab Apples

**TRANSCENDENT**—Average one and one-half inches, very productive and juicy; bright yellow, almost red stripes.

**WHITNEY (Golden Beauty)**—Medium to light amber with red cheeks, that turn to the sun; very juicy. Each, 90c; per 10, \$8.00. Not prepaid.

## Pears

**BARTLETT**—Large; coloring when fully ripe to waxen with red blush; juicy, melting, high-flavored; well known to everyone; bears early and abundantly.

**WILDER**—Very early, attractively colored and of excellent quality; small core, of medium size; yields heavy and extra early.

**KEIFFER**—An old standard, very popular account its keeping qualities; the favorite for canning and preserving; very heavy cropper. Any variety, each \$1.25; per 10, \$10.00. Not prepaid.

## Cherries

More satisfaction can be had from Cherry Trees than any other trees. They are a beautiful sight from blossom to fruit and very seldom fail to produce; every farm, garden or ranch should have cherries. They do not demand much attention.



Early Richmond

**EARLY RICHMOND**—(Pie Cherry)—A reliable old standard, with dark red fruit of medium size, very productive.

**ENGLISH MORELLO**—Large; dark red, nearly black; tender, juicy and rich. Tree is dwarf—midseason.

**LARGE MONTMORENCY**—Larger and finer than the Richmond and one of the finest flavored cherries in this class; valuable for canning and preserving.

Any variety—Each, \$1.25; per 10, \$11.00. Not prepaid.

## Peaches

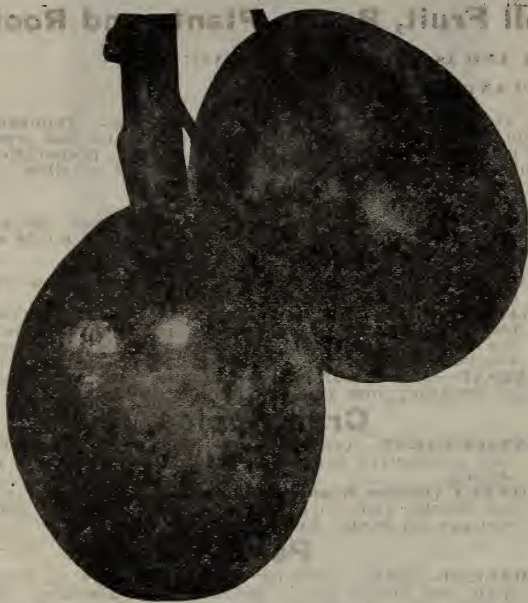
**CRAWFORDS EARLY**—A magnificent, large, yellow peach noted for size; good quality and wonderful productiveness.

**ALBERTA**—The leading peach; large, handsome bright yellow, overspread with crimson; very popular as a canning variety. Any variety, each, \$1.00; per 10, \$8.50. Not prepaid.



## NURSERY STOCK—Continued

### Plums



Lombard Plum

- LOMBARD**—Medium to large; dark red, flesh yellow; of pleasant flavor, very prolific and does well in this locality.
- GERMAN PRUNE**—Very large, of oval shape; light red changing to violet; flesh is yellow and sugary; heavy producers.
- BURBANK**—Very large, nearly round; flesh is firm, juicy and sweet; skin is bright, cherry red; yields heavy.
- RED JUNE**—Extra early, medium size, vermillion red; small one, bears abundantly, keeps very good.
- WILD GOOSE**—Attractive red fruit of medium size with sweet juicy flesh.
- WYANT**—Large fruit with purplish, red skin and firm flesh; freestone.

Any variety, each, \$1.25; Per 10, \$11.00.

### Gooseberries



AMERICAN GOOSEBERRIES

- DOWNING**—A large and handsome pale green berry of splendid quality for dessert or cooking. The bush is robust and seldom mildews. An excellent sort for family use and quite profitable for market.
- HOUGHTON**—An enormously productive and always reliable old sort; of vigorous yet rather slender, spreading growth, not subject to mildew. Fruits of medium size, smooth, pale red; tender, and good.
- GOOSEBERRIES, ANY KIND**—Prepaid to your station: Each, 40c; per doz., \$3.75; per 100, \$30.00. Not prepaid: Each 35c; per doz., \$3.50; per 100, \$27.50.

MAIL US YOUR LIST AND WE WILL MAKE YOU A SPECIAL DELIVERED PRICE.

### Red Raspberry Plants

**MARLBORO (Red)**—A profitable early market berry, with large crimson fruits of good quality and firmness. This variety is very hardy and well suited to the North.

Postpaid or prepaid express: 15c each; \$1.00 per doz.; \$5.00 per 100. Not prepaid: 10c each; 75c per doz.; \$4.50 per 100.

**KING (Red)**—Several of our best fruit growers consider this the best of the Red Raspberries. It has large and attractive, bright red fruit, of good flavor; ripening with the earliest and firm enough to keep for some time, in hardness and productiveness all that could be desired.

Postpaid or prepaid express: Each 15c; per doz., \$1.00; \$5.00 per 100. Not prepaid: 10c each; 75c per doz.; \$4.50 per 100.

**ST. REGIS (Everbearing)**—Berries bright crimson, of large size, firm and meaty, with a rich, luscious, true Raspberry flavor. It is wonderfully prolific, the fruit beginning to ripen with the earliest and continuing well into October. The canes are stocky, of strong growth, with an abundance of dark green, leathery foliage, and are absolutely hard.

Postpaid or prepaid express: 25c each; \$1.75 per doz.; \$7.00 per 100. Not prepaid: 20c each; \$1.50 per doz.; \$6.50 per 100. Larger amounts, get our Special Prices.



(St. Regis) Everbearing Raspberry

### Black Raspberry Plants

**BLACK RASPBERRIES (Any Kind)**—Postpaid or prepaid express: 15c each; \$1.25 per doz.; \$4.00 per 100. Not prepaid: 10c each; \$1.00 per doz.; \$3.50 per 100.

**GREGG (Black)**—Early; very large and productive.

**KANSAS (Black)**—Berries large; heavy bearer.

### Currants

**CHAMPION BLACK**—A new English variety of exceptional merit; one of the largest black currants in cultivation.

**CHERRY**—Very large berries on short clusters; a robust, fruitful sort.

**WHITE GRAPE**—Excellent for dessert use because of its mildly acid flavor and large, handsome clusters of golden green or white berries. Fruitful.

**LA VERSAILLES**—A French variety with large, long, red clusters of great beauty. A fine old sort of extra early productiveness.

**CURRENTS, ANY KIND**—Prepaid to your station: Each, 40c; per doz., \$3.75; per 100, \$30.00. Not Prepaid: each, 35c; per doz., \$3.50; per 100, \$27.50.

### Dewberry

**LUCRETIA**—In size and quality this low-growing or trailing Blackberry equals any of the upright sorts. Its berries ripen before raspberries are gone, are large, soft, sweet and luscious throughout, with no hard core. The vine is perfectly hardy, healthy and exceedingly fruitful, with large, showy blossoms. May be grown over walls, trellises or rocky slopes, where there is no room for other berries.

**DEWBERRIES**—Postpaid or prepaid express: 15c each; \$1.00 per doz.; \$4.50 per 100. Not prepaid: 10c each; 75c per doz.; \$3.50 per 100.



## Nursery Stock, Continued

### Blackberry Plants



Snyder Blackberry

**MERSEREAU**—Remarkably strong grower, upright, producing stout, stocky canes. Claimed to be the hardiest Blackberry, standing uninjured 20° below zero without protection. An enormous producer of extra-size berries, which are brilliant black and retain their color; extra quality; sweet, rich and melting, without core. Ripens very early.

**SNYDER**—Berries of medium size, sweet, melting. Very hardy and wonderfully productive. Valuable for cold climates, as it leads where hardness is a consideration. Early.

**WARD**—Originated in New Jersey. A seedling of Kittatinny, which it resembles, having all of its good qualities and none of its defects. Healthy, strong grower, with sturdy canes producing fine, large fruit, black throughout, without core, and of excellent quality. The bushes are covered with its fine fruit.

**BLACKBERRIES (Any Kind)**—Postpaid or prepaid express: 15c each; \$1.00 per doz.; \$4.50 per 100. Not prepaid: 10c each; 75c per doz.; \$3.50 per 100.

### Hardy Grapes

**MOORE'S EARLY**—Clusters of medium size; berries large, round, black, with heavy blue bloom. Extra early, successful in the West.

Concord



**CONCORD** — The fine old market leader, with large, handsome clusters of big, luscious grapes. Entirely hardy, productive and reliable; succeeds well over a great extent of country.

**WYOMING** — One of the most beautiful of the red or amber grapes, brighter colored than Delaware, earlier, nearly twice as large; flesh tender, juicy, sweet, with a strong, native aroma. The vine is hardy and healthy, with thick, leathery foliage. The best of the red grapes for early market.

**GRAPES (Any Kind)**—Postpaid or prepaid express: 40c each; \$4.00 per doz.; \$32.00 per 100. Not prepaid: 35c each; \$3.50 per doz.; \$30.00 per 100.

MAIL US YOUR LIST AND WE WILL MAKE YOU A SPECIAL DELIVERED PRICE.

### Strawberry Plants

#### START A PATCH OF STRAWBERRIES TODAY.

A good many people overlook the strawberry, thinking that the plants demand too much care, but this is not true, for all there is to the care of the strawberries is a light covering of straw in the fall and a trimming in the spring.

Strawberries can be produced on every farm or little town garden with as perfect success as they are produced by regular fruit growers who make this their business. One hundred plants in a little garden will produce all the fruit a large family can use for fresh fruit or canning.

Our plants are ready from April 20th to June 1st, the best planting time for the West. Please send your orders early!

#### COLORADO GROWN HOOD RIVER

—This variety has won great favor out west, and just before any of our home-grown berries are ready our market receives a number of cars of Hood River berries from Oregon, and it was through these shipments that the berry became acquainted with our trade. The Hood River berry produces dark red fruit, very heavily meaty, and instead of a pinkish white color it is a dark



Colorado Hood River

red. Our stock was secured from the best berry men of Edgewater, Colorado. For large amounts, write for special prices.

Price, postpaid: 25, 30c; 50, 50c; 100, 85c. By express at buyer's expense: 100, 70c; 1,000, \$6.50; 250 of a kind at 1,000 rate, 25 at the 100 rate.

**SENATOR DUNLAP**—A very hardy middle-season variety that produces a heavy yield of large, rich-colored strawberries that command good prices on the market. The plant makes very heavy foliage and is a good keeper through the winter.

Price, postpaid: 25, 30c; 50, 50c; 100, 85c. By express at buyer's expense: 100, 70c; 1,000, \$6.50; 250 of a kind at 1,000 rate, 25 at the 100 rate.

**FREMONT WILLIAMS**—A new, large, late season strawberry that has proven itself for Western and more particularly the Denver market. The berries are very large, blunt-shaped, glossy and unsurpassed in beauty. As a shipper, it is hard to beat on account of its firmness. The plants make a large bush and winter better than any other variety known. On account of its good keeping quality it makes an excellent shipper. If you want a large, well-shaped strawberry that will outsell anything on the market, don't overlook this wonder.

Price, postpaid: 25, 30c; 50, 50c; 100, 85c. By express at buyer's expense: 100, 70c; 1,000, \$6.50; 250 of a kind at 1,000 rate, 25 at the 100 rate.

**RIDGEWAY**—A very large mid-season, handsome berry, of heavy yielding power; the berries are very solid and stand shipping great distances; very high flavored and juicy; excellent for preserves. A dandy for either the home garden or the market.

Price, postpaid: 25, 30c; 50, 50c; 100, 85c. By express at buyer's expense: 100, 70c; 1,000, \$6.50; 250 of a kind at 1,000 rate, 25 at the 100 rate.

### Everbearing Strawberries

**AMERICUS (Everbearing)**—A perfect variety which sets such large quantities of fruit that the berries are undersized if not put on good ground.

**SUPERB (Everbearing)**—The largest of the Everbearing sorts. A good seller on account of its size and appearance, but not so sweet.

**PROGRESSIVE (Everbearing)**—Heavy foliage. Berries are very sweet, highly colored red, both inside and out.

Everbearing (any kind), postpaid: 1 doz., 25c; 25 plants, 50c; 100 plants, \$1.50; 1,000 plants, by express, prepaid, \$12.00.



# Herbs

**ANISE**—An annual, cultivated principally for the seeds, which have a fragrant smell and pleasant taste. Used for medicinal purposes; leaves used for garnishing and flavoring. **Pkt., 5c; oz., 10c.**

**BASIL SWEET**—A hardy annual from the East Indies. Seeds and stems have a flavor similar to clover and are used for flavoring soups. **Pkt., 5c; oz., 15c.**

**BORAGE**—Leaves used for flavoring, and flowers furnish bee pasturage; most easily grown in any waste place. **Pkt., 5c.**

**CARAWAY**—Cultivated for its seed, which is used in confectionery, cakes, etc. Leaves are sometimes used in soups. If sown in August plants will give a fair crop the next season, but when sown in the spring will not generally seed until the next year. **Pkt., 5c; oz., 10c.**

**CATNIP**—Leaves and young shoots used for flavoring. **Pkt., 5c; oz., 35c.**

**CORIANDER**—A hardy annual, cultivated for its seed, which has an agreeable taste and is used in confectionery and to disguise the taste of medicine. **Pkt., 5c; oz., 15c.**

**DILL**—An annual, cultivated for its seed, which is aromatic and has a warm pungent taste. Good for flatulence and colic in infants. Used in pickling. **Pkt., 5c; oz., 10c.**

**LAVENDER**—An aromatic and useful medical herb. **Pkt., 10c.**

**SWEET FENNEL**—A hardy perennial; leaves used in soups, fish, sauces, garnishes and salads. **Pkt., 5c; oz., 10c.**

**HOREHOUND**—A perennial herb with a strong aromatic smell; bitter pungent taste. Used as a tonic and enters into the composition of cough syrups. Does fine in poor soils. **Pkt., 5c; oz., 20c.**

**ROSEMARY**—The leaves are aromatic and used for medicinal purposes only. **Pkt., 5c; oz., 10c.**

**SAVORY SUMMER**—A hardy annual; when dried, stems, leaves and flowers are extensively used for soups and dressings. **Pkt., 5c; oz., 10c.**

**THYME**—A perennial used both medicinally and as a culinary plant. The young leaves and tops are used for soups, dressings and sauces. A tea made of the leaves sometimes relieves nervous headaches. **Pkt., 5c; oz., 30c.**

**SWEET MARJORAM**—A perennial plant but not hardy enough to stand the northern winters. Young tender tops are used for flavoring and may be cut and dried for winter use. **Pkt., 5c; oz., 15c.**

**SAGE**—A hardy perennial, possessing some medicinal properties, cultivated principally as a condiment, it being used more extensively than any other herb for flavoring and in dressings. **Pkt., 5c; oz., 15c.**

**WORMWOOD**—Leaves used as a tonic. A dry, poor soil is best for this plant. **Pkt., 5c; oz., 25c.**

## Cannas

In preparing the ground for the Canna, earth should be spaded at least 2 feet deep and plenty of manure of any kind mixed in. The root must be set about 8 to 10 inches from the surface and 2 feet apart, then with a little attention the plants will bloom heavily.

**HUNGARIAN**—The best pink Canna; very compact, almost dwarf, and of a very luxuriant growth. Leaves bluish green, never burns; flowers very large with immense petals; color purest La France pink.

**KING HUMBERT**—The greatest favorite today; scarlet flowers, bronze leaves. This remarkable Gold Medal Canna has been the sensation of the last few years.

**ALPHONSE BOUVIER**—Tall, brilliant, crimson, heavy green foliage, 6 feet tall. **Each, 15c; doz., \$1.50.**

**AUSTRIA**—Pure yellow flowers, sprinkled with small reddish dots on inside petals; 5 to 6 feet tall. **Each, 15c; doz., \$1.50.**

**ITALIA**—Bright orange with yellow border, borne on large stems, 12 to 16 inches above the deep green, heavy foliage. **Each, 15c; doz., \$1.50.**

**MOUNT BLANC**—Large white blossoms on strong stems, an early sort, blooming through the entire summer. Straight beds of this sort are very popular; 3 feet. **Each, 15c; doz., \$1.50.**

**RICHARD WALLACE**—Large flowering, free blooming, of vigorous growth. It is of a bright yellow and blooms well above the deep green foliage; 4½ feet. **Each, 15c; doz., \$1.50.**

**MIXED VARIETIES**—(Our Selection.) **Each, 10c; doz., \$1.00.**

## Caladium—(Elephant Ears)

Better known as the Elephant Ear; is a grand tropical-looking plant, sometimes used for the center of the lawn, when the southern or tropical appearance is wanted for the gardens. No plant or flower could give the satisfaction as the Caladium. The leaves oftentimes grow very large, measuring 3 feet long and 1½ feet wide, attaining a height of from 2 to 4 feet. Large selected bulbs. **Each, 20c; doz., \$2.25.**



## Gladiolus

One of the most attractive of summer flowering bulbs is the Gladiolus. A nice feature of this bulb is the culture; it does not require very much attention and only takes the usual amount of watering that is given any ordinary garden. In setting out the bulbs, try to select a sunny spot of fairly rich soil and spade deeply, then place your bulb in firmly 4 to 5 inches from the surface.

**AMERICA**—Soft flesh pink. Extra fine.

**AUGUSTA**—White lavender and has long spikes.

**HOLLEY**—Salmon pink, very early.

**YELLOW HAMMER**—Canary yellow.

**MRS. FRANCES KING**—Vivid scarlet, long spikes.

**BARON HULOT**—Deep rich purple.

**PRINCEPS**—Dazzling scarlet, white throat.

**GLORY OF HOLLAND**—Pure white.

**SCHWABEN**—Yellow with red throat.

**MRS. FRANK PENDELTON**—Bluish pink with brilliant carmine blotches.

**PEACE**—Pure white, pale lilac marking.

**PRICE**—The above named varieties of selected extra

bulbs, 10c each; any three for 25c; six for 45c; 75c per doz. Postpaid. For larger amounts ask for special price.

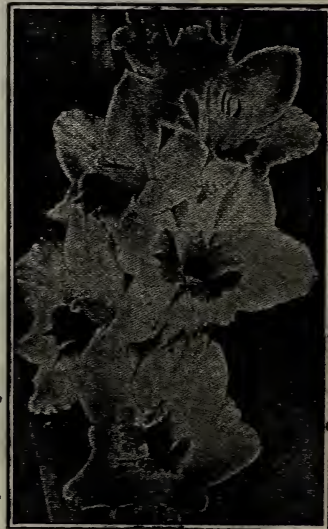
**GLADIOLUS IN MIXTURE—SPECIAL**—A choice collection of many colors in mixture, suitable for massing. 40c per doz.; \$2.50 per 100.

**OUR OWN MIXTURE**—Consisting of all good bulbs of different shades and a very good mixture. 30c per doz.

## Tube Roses

Grown for their fragrant spikes of heavy waxen-like flowers. Below we are offering you 2 of the most commonly grown, and both are old standards of the garden.

**PEARL**—Of dwarf habit and double, white; very fragrant. **VARIETIES**—Single, white; very early. Price, either variety, each, 10c; doz., \$1.00, postpaid.



Mrs. Frank Pendleton



## DAHLIAS

### PRICES POSTPAID STANDARD VARIETIES

If a showy effect is desired from the garden, the Dahlia should not be overlooked. This old standard has long been the most popular for decorating purposes around the home. For several years we have been handling the famous Willmore strain of Dahlia, which have always met with the best satisfaction. Below we are offering you a fine selection of strong roots.

**DAHLIA CULTURE**—Pick a sunny spot if possible and spade well; do not use too much manure for a small quantity goes far with the Dahlia; then lay the root on its side about 4 inches from the surface. In covering, be sure to have the soil packed firmly about the tubes or roots; plant only when the soil is dry, then water sparingly.

### Show Dahlias



This variety is a strong, healthy grower, producing large, highly colored, ball-shaped flowers on long, strong stems; a very popular grade; height, 4 or 5 feet. Each 20c

**MARY PICKFORD**—A show dahlia of extremely good substance and form; stems long and graceful. The color is lemon yellow, shading to salmon pink, with a tinge of mauve.

### Show Dahlia

**A. D. LIVONI**—Rich pink, finely formed; a very handsome flower.  
**BON TON**—A fine, ball-shaped flower of a deep garnet red. An extra fine Dahlia.  
**GLOIRE DE LYON**—Pure white, the largest white Dahlia in cultivation, round as a ball.  
**QUEEN OF YELLOW**—Clear, long stem yellow. Each, 15c.  
**LADY MILDMA**—A very beautiful flower, white ground shaded to pale lilac; very large and full; a free bloomer.  
**PURPLE GEM**—Rich royal purple, clear and constant; a first-class flower.  
**ROBT. BROOMFIELD**—Pure white. Keeps good after being cut. Long stem.

### Special Offer

We will send, postpaid, any 10 of the 20c Dahlias we have listed, all separately marked and packed in moss, your own selection, for \$1.50.

### Cactus Dahlia

This sort can easily be distinguished from the rest by the peculiar formations of the petals, which are long, slender and pointed; very odd looking, beautifully colored; very fine bloomers. Each 20c.

**COCKATOO**—Color varies from pure white to yellow, often combining the two.

**CAPSTAIN**—Soft red, tinted apricot. Very free.

**GEN. BULLER**—

Rich velvety crimson, nearly black at the base, tipped white, sometimes a solid flower on the same stalk; quite free.

**GENISTA**—Deep amber, shading gold; extra fine.

**STANDARD BEARER**—Firey scarlet; extra fine form; very free.

**UNCLE TOM**—Improvement over night; almost black; very free.

**GOLDLAND**—A fine golden yellow flower. Profuse



Cactus Dahlia

bloomer.

**PERLE DE LYON**—A large Cactus. Petals cleft at the tip. Pure white flower and borne on long stem.

**MRS. CHAS. TURNER**—Clear, soft yellow, very large, bold flower.

### Decorative Dahlias

This is a very fine type of the Dahlia, producing large flowers on strong stems and an excellent sort for the bouquet. Height, 4 and 5 feet. Each 20c.

**SYLVIA**—Soft pink with lighter center. Long stiff stems. A profuse bloomer fine for cutting.

**PINK JACK ROSE**—(Decorative). Lavender with a beautiful tint of blue.

**BLACK PRINCE**—Very large and full, almost black.



Decorative Dahlia

**GRAND MOGUL**—Scarlet tipped and streaked pure white.

**GOLDEN SUN**—A large, massive flower, golden yellow, shaded lighter in the center.

**HENRY PATRICK**—Pure white; flowers are very large and pure in color.

**LYNDHURST**—Scarlet or vermillion; a noble flower.

**MAID OF KENT**—Intense scarlet, variegated with pure white; frequently a solid scarlet.

**MRS. HARTONG**—Very large and exquisite form; color light fawn suffused with pink; very handsome.

**JACK ROSE**—The richest velvety crimson Dahlia ever grown. Long stem.

**DAHLIA OFFER**—(Box Selection)—We are making a special offer of 13 selected roots, our selection, all of different color, on two alike, postpaid for \$1.50. This is a good collection and should be taken advantage of by those who wish to make up a background of variegated colors of Dahlias.

### Extra Fancy Selected New Dahlias

Some of the best of recent introductions.

**KALIF (Cactus)**—A truly majestic flower; measuring over 9 inches in diameter; of perfect cactus form, in color a pure scarlet. The flowers which are produced very freely, are held erect on strong stiff stems. Each, \$1.00.

**MRS. WARNAAR (Cactus)**—A Garden Cactus. Of superior quality, white suffused with a delicate pink. An immense flower held erect on long stiff stems. Each, \$1.00.

**LE GRANDE LILAS**—(Peony flowered). An immense royal purple, holding its slightly twisted broad petals erect on strong stems often measuring 20 inches long. A wonderful dahlia. \$1.00 each.

**JESSIE SEAL**—A unique color in the Dahlia family, clear old rose. A pleasing and popular shade. Flowers very large and of ideal peony form. Stems often 2 feet in length yet strong and erect. No better general purpose Dahlia grown. \$2.00 each.

**B. V. HOAGLANDER (Decorative)**—An elegant, large showy flower; color, a beautiful buff yellow and terracotta suffused through it. \$1.00 each.

**ATTRACTION (Cactus)**—Large, elegant flowers of a clear lilac rose; long, strong stems. It is an exhibition and garden sort of rare merit. \$1.00 each.

**JUSTICE BAILEY**—The most sensational Cactus Dahlia of the age. The plant is dwarf in habit, attaining a height of 3 to 3½ feet, but with many side branches which later are almost covered with large, perfect blooms. Color, rich, glowing pink, shading a little lighter towards the center. Always full and perfect in form. \$1.00 each.

**RUTH NICHOLS**—An immense flower borne on long stem, Rich, dazzling red. A leader among the reds by reason of its great size and freedom of bloom. Strong and vigorous. \$1.00 each.



# Flowering Hardy Perennials

## PAEONIES

One can have no idea of their radiant loveliness and fragrance until they see them. When you plant them and care for them, you have a sure success. The advance that this flower has made is one of the most stupendous triumphs of the garden. The large blooms of the Paeonia make noble decorations and a sweet perfume pervades a Paeonia-adorned room and can only be compared with the fragrance of the rose. In large gardens a considerable space should be given



the Paeonia. There is no other plant that will make such a magnificent display of rich colors and give as much satisfaction in return for the trouble that you put in its cultivation. You should not be disappointed if the Paeonies do not quite come up to expectations the first year, for the second and succeeding years will make up for this if it should so happen.

The culture of the Paeonia is very easy and it does not require any certain soil, either sandy or heavy will do. The earth must be spaded deep. A little manure mixed in would not hurt. After your ground is in shape, place the root in firmly about 6 to 8 inches from the surface and from 18 inches to 2 feet apart. Then give them plenty of water for best results. The best of the many varieties are those mentioned below:

**PRICES:** 35c each or \$3.50 per dozen. Prepaid.

**DORCHESTER** (Richardson's Pink)—Clear light pink.

**DUKE OF WELLINGTON**—Ivory white with creamy white center. Very large.

**EARLY ROSE**—An early pink; blooms in clusters; very fragrant.

**GRANDIFLORA ALBA**—Large, pure white. Blooms late.

**GOLDEN HARVEST**—Silver pink, changing to white. Center yellow.

**HUMEI**—Rosy pink. Very large and full. Should be mulched heavily to bring its flowers to perfection.

**ROSEA SUPERBA**—Fine, full rosy pink. Extra choice flower. Very free bloomer.

**OFFICINALIS RUBRA** (Old Red)—Flowers of a bright crimson, quite double and globular. Very early and fine.

**QUEEN VICTORIA**—A good-sized flower; outside pure white, center creamy white; inner petals usually tipped carmine.

**FESTIVA MAXIMA** (Special)—Pure white center, prominently speckled with crimson; outer petals faint lilac white; extra large blooms, long stems; one of the finest and newest sorts. Each, 50c; 12 for \$5.00.

## HARDY PHLOXES

Among the hardy perennial plants, no class is of more importance than the Phloxes. They are of the easiest culture, flowering well in almost any soil or location. They embrace a wide range of color and produce a wealth of flowers from early summer until late in the fall. For best results, the clumps should be divided and reset after the third year.

The following list contains the most desirable colors:

**ANDRES HOFFER**—Dwarf white. Very early.

**ESPERANCE**—Fine large pink, light eye.

**ECLIPSE**—Dark purple red.

**EXCLAIREUR**—Brilliant rosy magenta with large lighter halo. An excellent variety.

## PHLOXES

**JOSEPHINE GERBAUX**—Blush, pale pink eye.

**EDMOND ROSTAND**—Reddish violet, large, white star-shaped center.

**LAVENDER**—Pure lavender. A late bloomer.

**PLUTON**—Deep red wine.

**PEARL**—Pure white. Tall grower.

**PANTHEON**—Clear pink with dark eye.

**ROBT. WERNER**—Deep blush, bright pink eye.

**RICHARD WALLACE**—Pure white, violet eye.

**THRBAIDE**—Carmin-lake, with red eye.

**WM. ROBINSON**—Rich salmon scarlet. Fine.

**PRICE:** 15c each; \$1.50 per doz. Postpaid.

## Assorted Varieties Perennials

**ROCKY MOUNTAIN COLUMBINE**—"The State Flower of Colorado" and one of the first hardy perennials to bloom in the Spring; the flowers are medium sized, delicate and stately, often as many as 25 well formed blooms can be counted on one clump; every garden should possess a few roots of Rocky Mountain Columbines. Each, 20c; doz., \$2.00.

**BLEEDING HEART** (*Dielytra Spectabilis*)—A hardy perennial plant with finely cut foliage, blooming early in the Spring. The flowers are graceful, heart-shaped, pink and white, and are borne in long racemes. Each, 50c; doz., \$4.50.

**HARDY ASTERS** (*Michaelmas Daisies*)—These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. We offer three colors only—blue, white and light lavender. Each, 15c; doz., \$1.50.

**HOLLYHOCKS** (*Double Strong Field Roots*)—As a background in large borders or beds of the lower herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among the shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camellia, form perfect rosettes of the most lovely shades. Separate colors—Buff, White, Yellow, Maroon, Red, Pink, Blush. Each, 15c; doz., \$1.50.

**IRIS** (*Germancia*)—Large flowering varieties. Excellent for either borders or massing. We carry the following colors: Blue, Creamy White, Purple, and White, Bronze, Lavender, Orange, Yellow, Purple. Each, 15c; 1 doz., \$1.00.

**ORIENTAL POPPY**—This poppy is perfectly hardy. Its large orange scarlet flowers make it one of the most showy of all plants. Each, 25c.

**TRITONA** (Or Red Hot Poker)—A beautiful showy border plant, producing handsome red or orange colored flowers on long stems. No other plant will produce such an abundance of blooms as the Tritona. This flower is a rare beauty and will more than repay you for the little trouble it may cause. Postpaid, Each, 50c; doz., \$4.50.

**SAGE**—Used chiefly for dressing and sauces, but produces long sprays of blue flowers in August and September. Each, 25c.

**HIBISCUS** (*Crimson Eye*)—An immense white flower with a crimson eye. Perfectly hardy. Blooms freely from mid-summer until killed by frost. Each, 15c.

**DELPHINIUM** (*Perennial Larkspur*)—The old-fashioned very dark blue variety. Three to four feet. Each, 15c.

**GOLDEN GLOW** (*Rudbeckia*)—The plant is compact, growing 6 to 8 feet high, producing numerous stems which are laden with double golden-yellow flowers. Each, 15c; doz., \$1.50.

**GYPSOPHILA PANICULATA** (*Baby's Breath*)—A beautiful perennial. When in bloom it forms a symmetrical mass 2 to 3 feet in height, of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers. Each, 15c.

**GAILLARDIA** (*Grandiflora*)—Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers three inches in diameter. Center dark reddish-brown. Petals vary from scarlet-orange to crimson. Each, 15c; doz., \$1.50.

**GORGEOUS LANCEOLATA**—A beautiful hardy border plant. Grows 30 inches high, and produces its bright golden-yellow flowers in great profusion the entire season. It makes a handsome vase flower when cut, and should be grown in quantity whenever flowers are wanted for table decoration. Each, 15c; doz., \$1.50.



**HARDY PERENNIALS**

(Continued)

**SWEET WILLIAM**—Too well known to require description. A general favorite with all. Mixed colors only. Each, 15c; doz., \$1.50.

**HARDY PINKS** (*Dianthus Chinensis*)—The old-time favorite is well deserving a place in every garden. They occupy but little space and yet produce a profusion of richly-hued flowers of delightful fragrance. Mixed colors. Each, 15c; doz., \$1.50.

**SHASTA DAISIES**

POSTPAID

**THE ALASKA** (Burbank's)—Immense snow-white flowers, 4 inches in diameter. Blooms through the entire year. The best daisy to date. Price, 15c each; \$1.50 per doz.

**THE SHASTA**—The original Shasta Daisy. Pure white flowers, 3 inches in diameter; second only in quality to the Alaska. Each, 15c; doz., \$1.50.



Alaska Daisies

**Hardy Lilies**

**LILY OF THE VALLEY**—This highly perfumed, delicate and refined looking Lily should be given a space in every garden. It does best in a shady corner and spreads rapidly. Every year you find more plants. They show early in the spring and are one of the first to bloom. It is very hardy and needs no attention in the fall to carry them through the winter. 6 pips for 40c; 12 for 70c; 100 for \$6.00.

**TIGER LILY**—Large flowers of orange color, spotted black, often 2 to 3 blooms to the stem; grows about 4 to 5 feet high and makes a dandy background. Should be planted about 1 foot apart. Each, 20c; Doz., \$2.00.

**LEMON LILY**—A pretty plant with long narrow leaves, and flower-stalks 2 to 3 feet high. These are crowned in June with delightfully fragrant, beautiful lemon-colored flowers, 3 to 4 inches in diameter. A very popular variety. Makes a magnificent display when planted in a large bed. Each, 25c; doz., \$2.50.

**FUNKIA** (Day Lily)—These handsome, hardy, herbaceous plants develop their ornamental foliage early in the spring and in summer and autumn throw up a profusion of lily like flower spikes. Grand plant for bordering and edging, especially on shady borders. 50c each; 3 for \$1.00; \$3.50 dozen.



Lily of the Valley

**FLOWER SEED COLLECTIONS** [POSTPAID]**NASTURTIUMS**

7 Packets 25c

Scarlet, Dwarf; Cream, Dwarf; Yellow Spotted, Dwarf; Crimson, Tall; Black Velvet, Dwarf; Golden Yellow, Tall; Dark Leaved, Tall.

**SWEET PEAS**

7 Packets 25c

Lavender, Large White, Bright Red, Brilliant Pink, Pink and White, Blue, Striped.

**BRIGHT ARRAY COLLECTION**

7 Packets 25c

Sweet Alyssum, Aster, Candy-tuft, Nasturtium, Phlox, Sweet Peas, Zinnias. All above very easy to grow.

**ABOUT FLOWERS**

A great many of our good friends and customers would like to have a flower garden around the house, but not being accustomed to the different names are unable to select the varieties that grow and bloom from seed planted the first year. Below we are offering a collection of flower seeds that are easy to grow and make beautiful flowers for decorating or bouquets the first year.

**OUR EASY TO GROW FLOWER COLLECTION**

Sent prepaid to your door by mail for 40c. Regular selling price of this selection is 75c.

1 Pkt. Grandiflora Sweet Peas  
1 Pkt. Large Flowering Mixed Petunia  
1 Pkt. Dwarf Mixed Nasturtiums  
1 Pkt. Grandiflora Mixed Salpiglosis  
1 Pkt. Cosmos

1 Pkt. Sweet Alyssum  
1 Pkt. Mixed Zinnias  
1 Pkt. Dwarf French Marigold  
1 Pkt. Large Flowering Drummond's Phlox  
1 Pkt. Morning Glory, Mixed



# TREES (Shadé and Ornamental)

**SILVER MAPLE**—6 to 8 ft. Of quicker growth than most trees, and valuable where immediate shade is required. Forms a large, spreading head; the fine leaves are silvery beneath. **Not postpaid. Each, \$1.00; doz., \$10.00.**

**ASH-LEAVED MAPLE; BOX ELDER**—6 to 8 ft. This species is easily distinguished by its pinnate leaves and greenish-yellow bark. It grows rapidly into a large, spreading tree, and is valuable for planting timber claims, shelter-belts, etc., in the West, where it endures both drought and cold. **Not postpaid. Each, \$1.00; doz., \$10.**

**CAROLINA POPLAR**—6 to 8 ft. Unexcelled for quick growth and effect, its rapid growth giving an air of luxuriance to places where other trees appear starved. Showy and cheery from the constant movement of its glossy, silver-lined leaves, yet always casting a dense, cool shade. **Not postpaid. Each, \$1.00; doz., \$10.00.**

**AMERICAN ELM**—6 to 8 ft. Easily distinguished by its wide, arching top, vase-like form and pendulous branchlets. Next to the oak, this is the grandest and most picturesque of American trees. Yellow or brown in fall. **Not postpaid. Each, \$1.00; doz., \$10.00.**

**RUSSIAN OLIVE**—4 to 5 ft. A very hardy and handsome species that in some sections forms a small tree, 8 to 12 feet high. The leaves are particularly handsome, willow-like and a rich silvery white. The flowers are small, golden yellow and very fragrant, followed by yellow fruits, which are covered with silvery scales. Blooms in June. **Not postpaid. Each, \$1.00; doz., \$10.00.**

**DOG WOOD**—A very attractive shrub; grows about 8 feet in height and bears clusters of small white flowers in early summer. Bark is dark red. **Price, each, 65c; 10 for \$5.00.**

## Privet

**IBOTA (Chinese)**—A valuable hardy privet for the Western and Northern states. It is almost evergreen and grows freely in all soils; compact and regular in form and bears shearing to any extent. Flowers white and fragrant, leaves long and shiny. A charming shrub for hedges and specimens.

**AMOR RIVER PRIVET**—The Chinese variety, harder than the others, growing 8 to 12 feet high, with dark green leaves, which persist almost through the winter. Evergreen in the South. Bears erect panicles of handsome white flowers in June, followed by black berries. The best for hedges. **Not prepaid. Each, 25c; per 100 \$18.00.**

## Bridal Wreath

**VAN HOUTTEI**—*Spiraea*. Growing to 5 feet tall, this is one of the finest ornamental shrubs in our whole collection, and much used in all good landscape work. Its branches droop with singular grace under their white burden of flowers in late spring. **Each, 75c.**

**BILLARDIA-SPIREA**—Pink flowers; blooms nearly all summer and is a grand subject for planting in masses and makes good cut flowers. 2 to 3 feet in height. **Each, 75c.**

## Flowering Shrubs

**PURPLE LILAC**—Old-fashioned Lilac. The Lilac, which is familiar to everyone, with its fine, heart-shaped foliage and splendid panicles of typical lilac flowers, which are of delightful fragrance and borne in magnificent clusters in May. It is still a favorite, in spite of the newer hybrids, of which it is the parent. **Not prepaid. Each, 75c.**

**COMMON WHITE LILAC**—Similar to the former, with pure white, very fragrant flowers and handsome foliage. **Not prepaid. Each, 75c.**

**FLOWERING ALMOND**—Pink. Pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender, leafless, upright branches are entirely hidden by stemless, very double flowers of pink. **Not postpaid. Each, 90c.**

**MOCK ORANGE**—The Mock Orange is undoubtedly one of the best known and most popular shrubs, and, in spite of the great numbers of new plants which have been introduced, the old *Philadelphus* holds its own and more freely than ever. It is also known as *Syringa* in some localities. The shrubs are usually tall, vigorous growers, with large foliage and flowers, and so are valuable for backgrounds, screens, grouping and specimens. Their flowers are very sweet-scented, milk-white, in most cases, and beautiful for cutting. **Not prepaid. Each, 75c.**

**SNOWBALL (Japanese)**—A large flowering variety of Snowball bearing an abundance of beautiful white flowers. Extremely hardy and very easy to grow. **Each, 90c; postpaid, \$1.00.**

## Honeysuckle

**HONEYSUCKLE BUSH**—The shrubby Honeysuckles have bright and pretty fragrant flowers, followed by showy berries that last much longer. All are of neat, attractive habit, and grow well in ordinary soils. **Not postpaid. Each, 75c; 3 for \$2.00.**

**HONEYSUCKLE (Climbing)**—These are very hardy and easy to start; producing a large quantity of trumpet shaped flowers. Foliage very attractive, being glossy and heavy. We can furnish either the scarlet or yellow flowering. **Price, each, 50c; 10 for \$3.00.**

## Vines

**WOODBINE (American Ivy; Virginia Creeper)**—The well-known native, with five-parted leaves that change to rich scarlet in fall. Berries black-blue. Entirely hardy anywhere; quick-growing; usually requires some support on walls, although it climbs by means of tendrils and clings to brick and stone surfaces. **Not prepaid. Each, 35c; doz., \$3.50.**

**BOSTON IVY (Engelmanni)**—A very hardy, artistic climber of rapid growth; will climb and spread over the side of any brick or stone wall without the aid of trellises, wires or springs; its ability to cling to the walls without aid makes it very popular where tall and heavy vines are desired. **Not prepaid. Each, 40c; per dozen, \$4.00.**

## Wisteria

One of our great climbers of rapid growth and is good for the porch or where the flowery effect is wanted for it is covered with dense clusters of blue or white flowers.

**BLUE**—A Japanese species with dark blue flowers in racemes of astonishing length. **Price, 50c. Postpaid.**

**WHITE**—(Same as blue with exception of color.) **Price, 60c. Postpaid.**

## Clematis Postpaid

Of all the vines used, either for shade or decoration, none can compare with the Clematis. Their wealth of bloom makes them the grandest embellishments to the porch.

**JACKMANI**—The flowers, when fully expanded, measure 5 to 6 inches in diameter, of intense violet purplish color, with a rich velvety appearance, and bloom continuously until cut off by frost. **Each, 75c, postpaid.**

**PANICULATA (Sweet-Scented Japan Clematis)**—Are of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy foliage. The flowers are medium sized, white in color, very fragrant and of a shiny appearance, blooming in August and September. **Each, 60c, postpaid.**



OUR ROSES ARE  
2 YEAR OLD  
FIELD GROWN.

# Roses

NOTE OUR  
SPECIAL OFFER  
OF 5 ROSES.

Plant Colorado grown roses. There is no other plant so greatly affected by the change of climate as the rose. Our Western country requires a very healthy and hardy plant. From experience we have learned that Eastern grown roses are more or less a failure when brought to Colorado, so we are now growing our roses in Northern Colorado and with a little care you are certain of success. You will find the varieties we list below are of the very best sorts.

Shipments of roses from Denver will not be made before April 1st. But if we receive your order early, we will endeavor to ship to you direct from our growing station.

(Selected Stock for the Outdoor Gardens of the West.)

Roses always have been an old stand-by for the garden, being very easily grown and useful, both for bouquet and for decorating around the house.

Just follow the instructions below of Rose Culture and you are sure to succeed in the growing of roses.

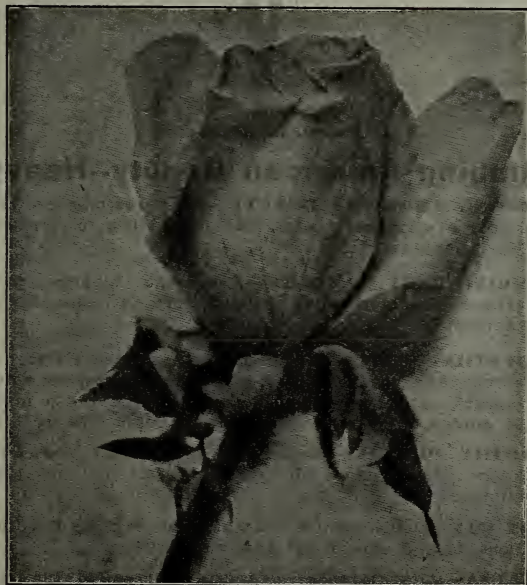
We offer only two-year-old plants.

## POINTS ON ROSE CULTURE.

The Rose delights in an open air situation, unshaded by trees or buildings. All the types are very partial to clay loam, but will do well in any ordinary soil, if enriched with well-rotted barnyard manure. Dig the soil up thoroughly to the depth of 12 to 15 inches, as Rose roots penetrate deeply when they have a chance. Do not raise the surface of the rose-beds above the surrounding grounds. They suffer less from drought when left level with the turf. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings.

The Rose should be given plenty of water in the summer months when it is extremely hot and dry, cutting down the water supply in the fall.

PRICES—Any of the roses listed here 65c each. Postage 10c extra.



Ulrich Brunner

**BESSIE BROWN, H. T.**—Creamy white, large, full and very fine form.

**BRITISH QUEEN**—Pure white, slightly flushed rose, large, full flowers of exquisite form, opening freely.

**GRUSS AN TEPLITZ**—Brightest scarlet crimson; growing freely and flowering profusely. Quite hardy even in cold sections.

**FRAU KARL DRUSCHSKI, H. P.**—Pure snow white; long pointed buds; large, full flowers; free and constant.

**WHITE KILLARNEY, H. T.**—A sport from Killarney; it is pure white in color, long in bud, of fine form.

**GENERAL McARTHUR, H. T.**—Bright scarlet, large, full and very free, erect branching habit and very perpetual. One of the finest and most fragrant roses grown.

**HIS MAJESTY, H. P.**—Dark crimson, shaded vermillion. Some class it a Hybrid Tea.

**PAUL MYRON, H. P.**—Deep rose, immense size, hardy and vigorous.

**ULRICH BRUNNER, H. P.**—Cherry-red, very large and fine form.

**EUGENE FURST, H. P.**—Color deep red, shaded crimson, profuse bloomer. A most charming and superbly grand rose.

**CONRAD F. MEYER, H. P.**—This rose is classified by some as the best Hybrid Perpetual ever grown, free bloomer, large double and cup shaped, intense pink, very fragrant.

**GEORGE AHRENDTS, H. P.**—Clear, brilliant pink, good bud and perfect form flower. Strong grower and in every way worthy.

**HELEN TAFT, H. T.**—A rich cerise pink. Flowers very large. A free bloomer, and will become as famous as a bedding rose, as is the variety President Taft. Growth very strong.

**PINK KILLARNEY, H. T.**—Deep shell pink, long pointed buds with large flowers; very free and perpetual.

**LA FRANCE, H. T.**—Bright satin pink with silver reflex. This variety will always be a favorite.

**MAMAN COCHET (Tea Rose)**—Light pink shaded with salmon yellow and outer petals splashed rose. Large and full. Fine for cutting.

**DUCHESSE DE BRABRANT, T.**—Light rose, shaded salmon; very free early and late. Another of the old ones that will never go.

**MME. PLANTIER, H. P.**—Extremely hardy; completely hides itself in June with its lovely pure white, sweet-scented flowers; fine.

**CAPT. HAYWARD, H. P.**—Of largest size. Color, glowing crimson, very bright and rich; about the best H. P. in the entire class of Hybrid Perpetuals.

**DUCHESSE OF ALBANY, H. T.**—A deep colored La France, sometimes called the red La France.

**ECARLATE, H. T.**—Scarlet red of extreme brilliancy, higher in color than Liberty medium size, very floriferous; a splendid bedder.

**EDWARD MAWLEY, H. T.**—One of the finest of all dark crimson roses, a true perpetual Flowering Hybrid Tea. Received the much coveted gold medal of the National Rose Society of England.

**GENERAL JACQUEMINOT, H. P.**—Crimson scarlet, large, full and very fragrant; an old standard large red rose.

### "SPECIAL OFFER"

We will send Prepaid any five roses listed here, packed for shipment, either mail or express, for \$2.75, postpaid.



## ROSES—Continued

**BETTY, H. T.**—The flowers are deliciously fragrant, of very large size, full and beautiful. The exquisite color being copper, overspread with a beautiful golden yellow.

**BLACK PRINCE**—Deep crimson. Large, full and globular.

**CAPTAIN CHRISTY, H. P.**—Has foliage of rare beauty, dense and deep green in color. The delicate buds together with the very large, full flowers of pale peach color, deepening towards the center to rosy crimson; blooms almost the entire season.

**CLARA WATSON, H. T.**—This is the new Killarney; said to be a great improvement over the original pure white.

**COLEEN, H. T.**—Brilliant with deeper rose-crimson veneering and distinct creamy-yellow ground, never fading until the petals drop.

**GEORGE DICKSON, H. P.**—Color, dark velvety crimson; splendid shape and good stems.

**OTHELLO**—Deep crimson with shading strong and free with Maroon. A new H. T. that is here to stay.



White Killarney

### Climbing Varieties

**CRIMSON RAMBLER**—An old favorite, very hardy, of quick growth and very strong. Satisfaction sure.

**WHITE DOROTHY PERKINS**—Same as the Original Dorothy Perkins, except color is clear white. Fills long felt want for a hardy white climber.

**SILVER MOON**—Pure white with clear yellow stamens, large and free, glossy bronze-green foliage.

**CLIMBING WHITE COCHET**—Same as the bush. White tinted pink. Where heavy foliage is desired use this variety.



American Beauty

### Climbing American Beauty--Heavy

**CLIMBING AMERICAN BEAUTY**—Heavy strong grower, hardy everywhere; color, rich red fading to crimson. Very popular.

**CLIMBING BABY RAMBLER**—A constant bloomer, rosy crimson in color, quick growth, very desirable, satisfactory.

**HIAWATHA**—Flowers are about one and one-half inches across, and produced in long pendulous sprays; color is ruby carmine, with a clear white eye and a mass of golden stamens; foliage retains color late in fall.

**DOROTHY PERKINS**—Beautiful deep pink. Too well known for further description. One of our best climbers.

**LADY GAY**—Delicate pink. Slightly larger than Dorothy Perkins and one of our best suggestions.

**EXCELSA**—Color intense deep crimson; called the red Dorothy Perkins.

**CHRISTINE WRIGHT**—Heavy dark green foliage, which is exempt from disease; large full flowers borne singly and in clusters, perfect in form, beautiful in bud and in flower; color is bright, wild rose pink.

**YELLOW BANKSIA**—Small yellow flowers in great profusion, making one of our most popular climbers.

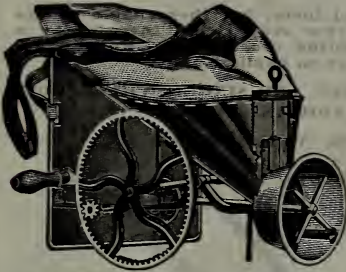
**BOUQUET DE OR**—Clear yellow copper center, full, free and hardy; a most beautiful climbing rose.

**PRICES:** Any Rose, 65c each. Postage 10c extra.



## Cahoon Broadcast Seed Sower

For Sowing Seed, Grain, Clover Seed, Etc.



Cahoon Broadcast Seed Sower

information and directions for use, mailed on application.

Price, \$4.75, not postpaid. Mailing weight, 7½ lbs.

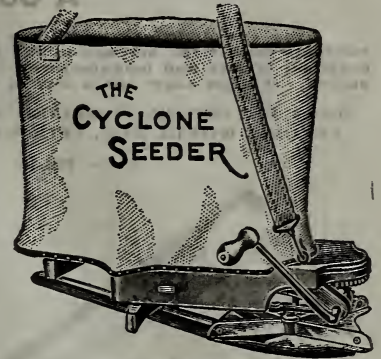
The best seeder manufactured, and sows all kinds of grain, clover seed, etc. rapidly and evenly. A person entirely unused to seeding can, by following the simple directions sent with machine, sow from four to six acres an hour at a common walking gait. It sows uniformly and saves four-fifths in labor by its use. Every farmer should have one of these sowers. Circulars giving full

## Cyclone Seed Sower

A Very Popular Seeder and Very Extensively Sold.

This sower is guaranteed to distribute seed perfectly, evenly, and will not throw seed in an upward direction or against the operator, but direct and evenly to the land. Sows clover, timothy, red top, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. Clover seed is sown a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet.

Price, \$2.00 each, not postpaid. Mailing weight, 5 lbs.



Cyclone Seed Sower

## Eclipse Corn Planter

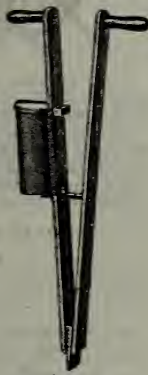
All Steel Rotary

This planter has given unequaled satisfaction for the past ten years. It has a positive feed and four changes of discs, and will sow Corn, Amber Cane, Kaffir, Sudan Grass, Milo Maize, Beans, Peas, etc. It is very simple and works very easily; it will plant anything from cane to corn; it is made in either all steel or of wood with steel castings, as shown in this cut. Mailing weight, 9 lbs.

Price, \$2.25, not postpaid



Eclipse



Pioneer

## Pioneer Corn Planter

Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. The foot is made of polished steel. It is well made, strong, durable, reliable and gives universal satisfaction. Price, \$1.75, not postpaid. Weight, 5 lbs.

## Black Hawk Corn Sheller

This is a substantially made tool, easy to run, a boy can shell a large quantity of corn a day with this machine. We have never known one to get out of order—will last a life-time. Mailing weight, 12 lbs. Price, \$4.00 each, not postpaid.



## HORSE CULTIVATORS

### Planet, Jr.

PLANET JR. NO. 82, HORSE HOE AND CULTIVATOR

Price, \$23.75



This tool has both lever wheel and lever expander, turning shovels and shovel steel. The expanding lever slants backward between the handles, where it is well protected and can not injure crops. The lever for the wheel is simple, convenient and lasting; no wires to stretch. The turning shovels are of special shape; useful in connection with the rear shovel in opening furrows and afterwards for covering them, and for plowing and hilling. Price, \$23.75, with wheel, 7 shovels, two side hoes, one horse hoe.

No. 101—Plain Cultivator with wheel, five shovels, expanding lever .....\$15.75

No. 107—Same as 101, except has seven shovels....\$18.75

No. 9—Same as 82, except has only five shovels....\$18.75

PLANET JR., NO. 90-B, TWELVE-TOOTH HARROW CULTIVATOR.

The teeth are 1¼ inches wide and wear well, being specially hardened. By using the lower hole the teeth can be set to slant backward. When set in this way it does excellent work in early cultivation, for breaking the crust before the weeds begin to grow or for final preparation of seed beds. \$21.75 with wheel.

## Avery

5 tooth with lever .....	\$14.00
5 tooth with lever, sidesweeps and horse hoe.....	16.00
7 tooth with lever .....	15.00
7 tooth with lever, sidesweeps and horse hoe.....	16.00

## EXTRAS FOR HORSE TOOLS

10-inch Improved Sweep and Bolt.....	\$ .95
12-inch Improved Sweep and Bolt.....	1.05
15-inch Improved Sweep and Bolt.....	1.20
10-inch Furrower .....	1.75
12-inch Furrower and Bolt.....	2.35
15-inch Furrower and Bolt.....	2.90
1¼x8-inch Shovels, each.....	\$ .25
1¾x8-inch Shovels, each.....	.30
2¼x8-inch Shovels, each.....	.32
3 x8-inch Shovels, each.....	.35



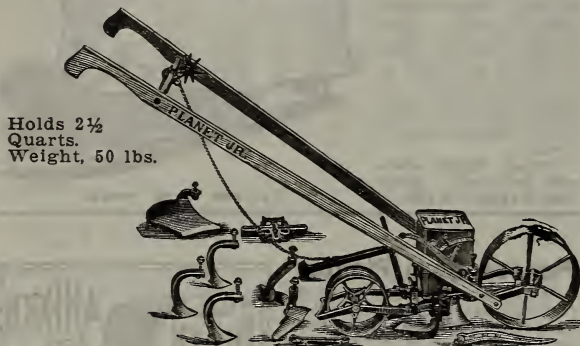
# Planet Jr. Farm and Garden Tools

## A Complete Catalog Sent on Request

You cannot afford to till the ground without tools. They not only save hard labor, but they enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the result of fifty years' experience. Strong, lasting construction. Fully guaranteed. We can show but a few of these tools here but complete catalog will be sent on application.

### NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

Price, \$23.50



Holds  $2\frac{1}{2}$  Quarts.  
Weight, 50 lbs.

This accurate, easy running tool sows all garden seeds from smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out next row all at one passage. By removing the seeder and substituting the tool frame you have a complete Single Wheel Hoe which plows, hoes, cultivates easily and thoroughly all through the season.

No. 4D—As a Seeder Only. Price, \$18.75.

### NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Weight, 61 lbs. Price, \$25.60.



Steel Frame.

This is a splendid combination for the family garden, onion grower or large-scale gardener. As a Seeder it is the same as the No. 4 and does the same accurate work. Can be used as a Double Wheel Hoe to straddle rows. Hoes work close without injuring plants; cultivator teeth and plows do thorough work. Cutting tools specially hardened. Two acres a day can be worked with this tool.

### NO. 3 PLANET JR. HILL AND DRILL SEEDER

Holds 3 qts.  
Weight, 43 lbs.

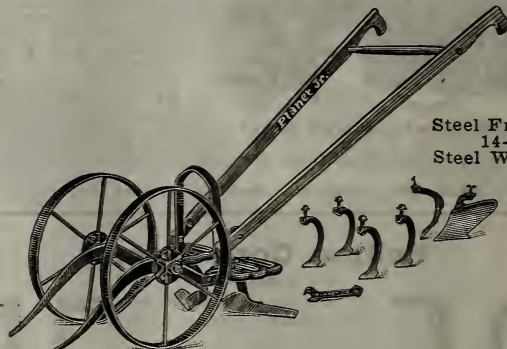
Price, \$22.00



A favorite tool with onion growers, market gardeners and seedsmen. Has 15-inch steel driving wheel. The V-shaped opening plow is adjustable for depth and leaves the seed in a narrow line, permitting close, rapid cultivation with wheel hoes. Sows uniformly in drills or in hills 4, 6, 8, 12 or 24 inches apart. Where the acreage is sufficient to warrant the use of separate seeders and wheel hoes we especially recommend this very popular drill.

### NO. 12 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Price, \$15.50. Weight, 33 lbs.



Steel Frame  
14-inch  
Steel Wheel

A Double and Single Wheel Hoe in one. Straddles crops till 20 inches high, then can be worked between the rows with one or two wheels.

The Hoes are wonderful weed killers and leave the ground almost level.

Cultivator Teeth for deep or shallow work. Plows are valuable for opening furrows, covering or plowing to or from the crop.

### NO. 17 PLANET JR. SINGLE WHEEL HOE

Price, \$10.75. Weight, 24 lbs.



Steel Frame  
15-in. Steel Wheel

Light and durable—can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest and quickest way. High, easy running steel wheel. They take the drudgery out of garden work and give bigger, better crops. Last a life time.

### PRICES.

No. 3	—Hill and Drill Seeder.....	\$22.00
No. 4	—Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.....	23.50
No. 4D	—Hill and Drill Seeder.....	18.75
No. 25	—Combined Hill and Drill Seeder, Double & Single Wheel Hoe, Cultivator & Plow..	25.00
No. 31	—Combined Drill Seeder and Wheel Hoe..	15.50
No. 31D	—Drill Seeder .....	12.50
No. 12	—Double and Single Wheel Hoe Combined.	15.50
No. 13	—Same as No. 12, but equipped with Side Hoes Only .....	11.00
No. 17	—Single Wheel Hoe Complete.....	10.75
No. 17½	—Same as No. 17. No Plow.....	9.15
No. 18	—Same as No. 17. Side Hoes Only.....	7.50
No. 19	—Garden Plow and Cultivator.....	7.50

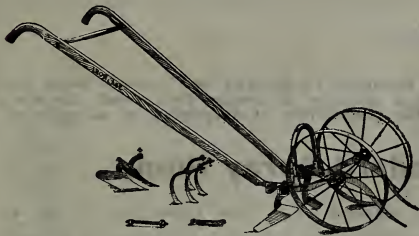
### EXTRAS FOR HAND TOOLS.

6-inch Hoes, per pair.....	\$1.65
8-inch Hoes, per pair.....	2.00
Cultivator Teeth, each.....	.45
Plows for Single Wheel Hoes, each.....	1.85
Plows for Double Wheel Hoes, per pair.....	1.85
Double Moldboard Plows, each.....	2.50
Path Cleaners, 12-inch, each.....	2.50
Onion Harvesters, 8-inch, each.....	1.90
Handles, per pair.....	1.65



# IRON AGE

## GARDEN TOOLS



Iron Age, 301, Complete.

### Double and Single Wheel Hoe No. 301

This double and single wheel hoe can be changed in a minute from one form to the other—an extremely valuable feature. When the plants are young, the double wheel hoe should be used astride the rows. Later, the single wheel hoe can be used in working between the rows, after the plants have grown too high to be worked properly in any other way. The seeder attachment may be added at any time in the future, converting the tool into a combined implement such as No. 306 or No. 304.

Price, complete, \$13.00.

No. 303—Double and Single Wheel Hoe, side hoes only less vine lifters. Price, \$9.50.

### Combined Hill and Drill Seeder, Double and Single Wheel Hoe

No. 306. This is the most popular and complete garden tool, especially planned for the convenience of the gardener, requires but little work to change from seeder to a wheel hoe. The big advantage of this combination tool is you have a tool that will do the work of several tools. The simple change from drill to wheel hoe or back again can be made in about three minutes. Will sow all kinds of seed. Price, complete, \$23.00.



No. 306

Corn, Bean and Pea Seeder No. 24. This tool, as the name implies, is adapted to the planting of Corn, Beans and Peas. The method of dropping the seed is by revolving plates. The seed may be dropped at 4, 6, 8, 10, 12 inches apart. Price, \$20.00.



No. 24

New Model



### New Model Seed Drill, \$15.00

A seed drill with 30 years' experience behind it, and the fact that it is the most simple drill to operate and regulate has made it very popular with market gardeners. This tool is made of the best material, well put together and will last a life-time. Packed weight, 50 lbs. Price, \$15.00.



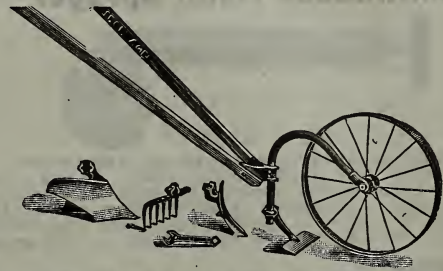
No. 19C

### No. 19C—Packed Weight, 22 lbs. Price, \$7.00.

Wheel Cultivator and Plow—This plow is the result of a successful effort to build a tool that would be just as light as possible without the sacrifice of strength or durability. It is built of the best materials, and is light, strong and practical.

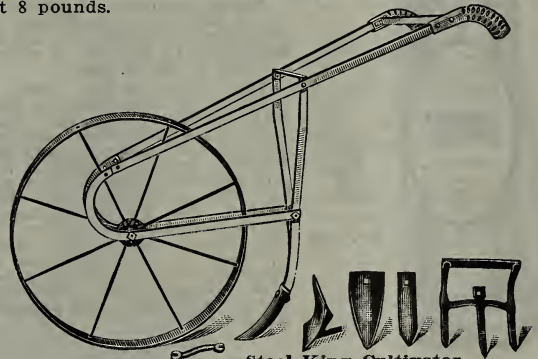
Shovels can be raised or lowered to suit requirements of any soil or can be adjusted to meet the ground at any angle.

24-inch Wheel—The distinctive feature of this tool is its high steel wheel.



### "Iron Age" No. 12, Complete, Price \$6.75.

"Iron Age" No. 12 Wheel Plow and Cultivator—This simple light-weight machine will be found of great service in simplifying the work in the small vegetable or flower garden. The average weight of this machine is but 8 pounds.



### Steel King Cultivator

This is not an Iron Age tool. It is very handy for people who do not wish a very expensive tool. We sell hundreds each year and they give satisfaction. It can be used for many purposes.

Each Price: Steel Handles, like picture, complete.....\$4.75  
Wood Handles, complete.....4.50

### REPAIR PARTS FOR IRON AGE TOOLS

No.		
33—	Onion Set Gatherer.....	\$ 1.90
82—	Land Side Plow.....	1.85
134—	Hill & Drill Seeder Attachment for No. 301 or 303 .....	10.00
169—	Disc & Fender Attachment, pair.....	1.75
170—	Double Mold Board Plow.....	2.50
360—	Disc Attachment, pair of 6 discs.....	4.00
	Side Hoes, per pair.....	1.65
	Plows, per pair.....	1.85
	Cultivator Teeth and Bolts, set of 4.....	2.00
	Rakes, 6-tooth, per pair.....	1.50
	Handles, per pair.....	1.65
	Chains for Drills.....	.75
	Agitator with Brush.....	1.15
	Marker Bar, steel.....	.60
	Marker Bar, wood.....	.85
	Marker Drag.....	.60
	Other repairs, get prices.	

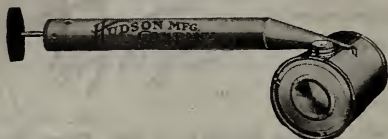


# Sprayers

PRICES ARE NOT POSTPAID.

It is becoming more apparent each season that to insure a good crop, methods to destroy the insects must be used, and for good results the poison and insecticides must be applied with a sprayer to insure force and thereby applying the poison to all parts of the plants. Competition has eliminated the possibility of disposing of unsprayed fruit or crops at a profit.

## Misty Sprayer



**Misty Sprayer**

The air chamber measures 14 inches in length by 1 3/4 inches in diameter, and the reservoir holds about one quart. It has a single brass tube extending into the reservoir, and therefore throws the spray straight ahead, although it will spray in any direction desired, and is adapted for all kinds of spraying purposes, including garden work, disinfectants, etc. Price, 75c each. Not prepaid. Weight, 1 lb.

## Continuous Hand Sprayer



**Continuous Hand Sprayer—Heavy Galvanized.**

This is the best hand sprayer made. It has a compressed air chamber which makes the pressure continuous, has brass nozzle; adjustable to spray fine or coarse; brass ball valve; is simple in construction, light and durable; works easy. Weight, 1 1/2 lbs. Price, \$1.25 ea. Not prepaid.

## The "Auto-Spray" No. 1-D

Works automatically for 6 to 15 minutes, accordingly to the nozzle opening. It may be started in 15 seconds by a few strokes of the plunger.

The "Auto-Spray" has a capacity of four gallons, and when properly charged contains three gallons of solution and one gallon compressed air. Eight to twelve strokes of the plunger will compress the air, and two pumpings will discharge the entire contents. Three gallons of solution or one charge will easily cover one-half acre of potatoes or other similar crop. Galvanized Iron Tank, with Auto-Pop Nozzle. \$7.00 each, not prepaid. Brass tank.

**No. 1-D**

## Perfection Sprayer

For Potato Spraying, white-washing, disinfectants, cold water paints, etc. A high grade pressure sprayer "with the pressure."

The Hudson Perfection Sprayer has a 4 gallon tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. The all-brass pump is placed inside the tank and is easily removed. Weight 10 lbs. \$7.25 each, not prepaid.

**Perfection Sprayer**

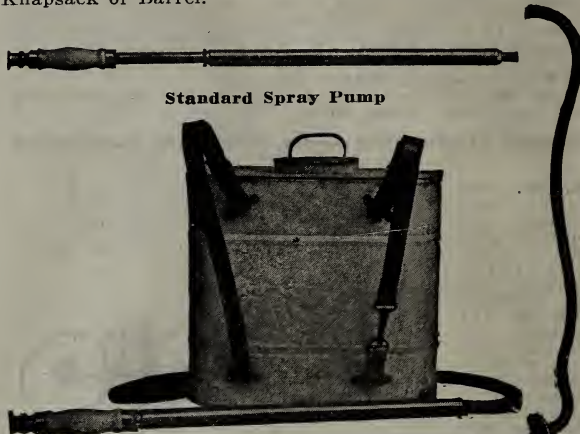
## Standard Spray Pump

For a small orchard or a few trees, use it as a bucket pump.

For a large orchard, use an ordinary barrel on a sled or drag, and a long piece of hose.

For "truck" crops, potatoes, cabbage, etc., use it with Knapsack and "potato" attachment.

**STANDARD SPRAY PUMP**—The Standard sprays the tallest fruit tree from the ground. One man does the work. Saves one man's time. Is used either with Bucket, Knapsack or Barrel.



**Standard Spray Pump**

**Standard Pump Attached to Knapsack**

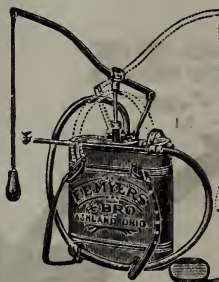
And when used with knapsack a field of potatoes or other low-growing crop can be sprayed as fast as a man can walk.

This attachment is also valuable for spraying vines and bushes, as the spray can be directed upwards from below so as to cover the under side of foliage without stooping or working in an uncomfortable position.

Price, Spray Pump and Hose, \$5.50.

Knapsack, \$4.50 extra. Express charges extra.

## Panama Knapsack Spray Pumps



**Panama Knapsack Spray Pump**

**Panama Knapsack Spray Pumps** are complete in every respect, ready to spray. The tank, made of either galvanized iron or copper, holds 5 gallons of mixture. It is heavily soldered, and is fitted with tight lid and strainer, both of which can be removed. It is shaped so that it can be carried on the back, and shoulder straps are provided for this purpose. Handle lever is arranged for shifting from right to left at will of operator. The Spray Pump used in this outfit is constructed entirely of brass. It is provided with a large air chamber, and has heavy brass cylinders, brass ball valves, patent agitator, to keep liquid thoroughly mixed. 5 feet 3/4-inch hose fitted with Bordeaux nozzle and iron pipe extension. Pump is also provided with regular handle and can be operated like any other bucket pump when desired. Complete as above with galvanized tank, \$18.00 each; with copper tank, \$25.00 each. Not prepaid.



## SPRAY PUMPS—Continued

### Little Giant Sprayer

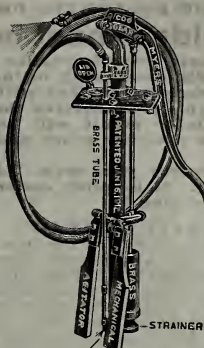


Little  
Giant

These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The footrest steadies the pump, holding it in proper position. They are provided with large air chambers, and have brass ball valves and detachable hose; the nozzle throws a continuous spray, and is not affected by the movement of the plunger. Will carry a pressure on the nozzle of from 50 to 100 lbs. with very ordinary exertion. Will throw a stream 50 feet, and are of unusual value for spraying trees, washing windows and buggies, extinguishing fires, sprinkling lawns, flowers, etc. For sprayers are arranged to discharge a fine jet in the bottom of the bucket to keep the solution thoroughly mixed and agitated, a feature peculiar to these pumps only, and a very necessary one to any spray pump. The pumps

are also provided with a sprinkler for flowers. **Weight, 6 lbs. Price, \$4.75.**

### Cog Gear Barrel Spray Pump

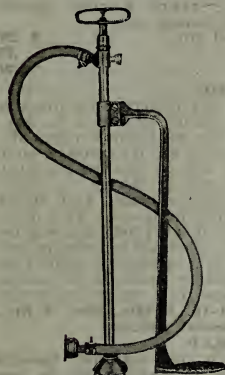


PAT JET AGITATOR  
Cog Gear Barrel  
Pump

The construction is such that the entire pump sets inside the barrel containing the liquid, being bolted fast at its upper end to the head of the barrel. By this arrangement the working parts are entirely submerged in the liquid that is to be sprayed, thereby avoiding all possibilities of losing priming, doing away with the necessity of a suction pipe, placing the agitator in the bottom of the liquid in a simple form, and also doing away with a large amount of complicated parts. Base fits 8x8 inch hole.

**Weight, 40 lbs. Price, \$19.75, complete with 15 feet hose and nozzle.**

### Double Acting Bucket Pumps



Double Acting  
Bucket Pump

Double Acting Spray Pump — Auto Spray No. 6.—The pump sprays perfectly on both the up and down strokes. About one-half the energy is required as with ordinary pump and the spray is continuous. Besides saving labor, this pump saves considerable time. Cylinder of this pump is very small in diameter, necessitating but little effort to generate a pressure of 200 lbs. There are very few pumps manufactured that can be guaranteed for this high pressure. The pump and valves complete, are made of brass. **Price, \$4.75 each. Not prepaid.**

### Auto Spray No. 5



Auto Spray No. 5

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes, and many field crops. It also can be used for handling whitewash, disinfectants, etc. This pump is made entirely of brass and the pump itself works on the same principle and has the same advantage as the double acting bucket pump shown above.

**Auto Spray No. 5 pump, hose, nozzle and strainers, complete, \$5.00.**

**Galvanized iron tank or reservoir for use on field crops, \$4.00 extra.**

**Extension, curved brass, 60c extra.**

### Paragon Sprayers

THE BEST SPRAYER MADE

### For Tree Spraying, Whitewashing and Water Painting

PARAGON SPRAYERS WON'T CLOG

#### Paragon Sprayers

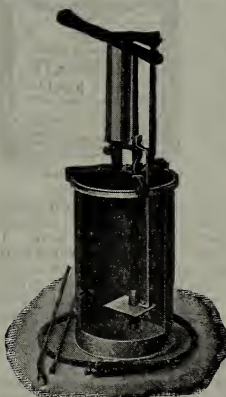
This is the only machine on the market that works satisfactorily for several purposes. It is positively a first-class white washing machine as well as a tree spraying machine. The spray nozzle cannot clog, no matter how dirty the liquid, as the liquid passes through the automatic self-strainer before entering the pump. A heavy, steady pressure is easily obtained. This is a very well constructed and a lasting and durable machine. A guarantee is furnished with every one.

### Paragon No. 1

- 5 Feet 6-ply Hose.
- 5 Feet Spray Hose.
- 2 Nozzles.

This cut of No. 1 Sprayer shows inside mechanical arrangement and patented self-cleaning strainer. No other sprayer can show this feature.

**Price, \$20.00.**

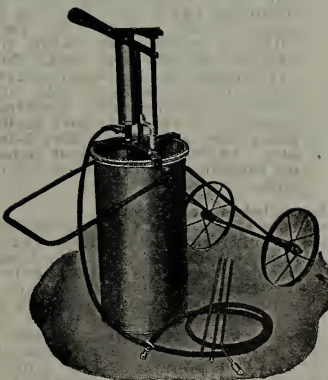


Paragon No. 1

### Paragon Sprayer No. 3

Paragon Sprayer No. 3. 12 gallon. Equipment, 7½ feet extension pipe, 10 feet 6-ply hose, 2 spraying nozzles. This machine is mounted on a strong steel frame, and can easily be wheeled to any desired place.

**Price, \$30.00.**



Paragon Sprayer No. 3



# Insecticides

## Exterminators for Insects, Pests and Fungus

THE FOLLOWING PRICES ARE NOT PREPAID

### Liquids cannot be sent by Parcel Post

Practically all fruit growers have come to realize that it is impossible to produce a satisfactory crop of fruit without spraying, and they are rapidly awakening to the importance of performing the operation correctly. In the past there has been a market for inferior fruit, but with the enormous increase in the planting of fruit orchards in every section of the country where this fruit thrives the time is rapidly approaching when only high-grade fruit can be marketed profitably. The inevitable result will be that growers who intelligently spray, cultivate, prune and otherwise care for their orchards and properly grade and pack their fruit will prosper, while those who neglect these things will fail.

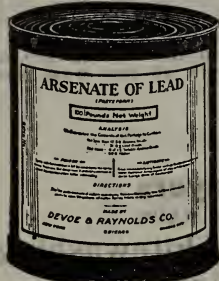
Don't wait until the insects destroy your crop. Start spraying just as soon as they are to be seen, for a delay often costs a grower his whole crop. It is much easier to keep the pests down than to destroy them after they are well started. "A stitch in time saves nine."

#### ARSENATE OF LEAD

Arsenate of Lead is the most effective of all insecticides, and for orchard spraying has no equal, and the benefits therefrom are surprisingly noticeable when the fruit is gathered. All fruit trees should be sprayed at least twice each spring.

Arsenate of Lead is also successfully used to suppress leaf-eating insects.

One of the great features of Arsenate of Lead is its sticky character, and therefore remains longer on the foliage or blossoms. It can be used on extreme delicate foliage plants or blossoms, as it will not burn.



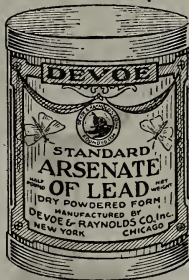
- |                          |                                      |
|--------------------------|--------------------------------------|
| 1 -lb. Can....\$ .35     | 25-lb. keg, write for special price  |
| 5 -lb. Can.... 1.50      | 50-lb. keg, write for special price  |
| 12 1/2 -lb. Can.... 3.00 | 100-lb. keg, write for special price |
- Spray Calendar furnished free.

#### POWDERED ARSENATE OF LEAD

Powdered Arsenate of Lead is guaranteed to contain from 27 to 30% Arsenic Oxide (AS<sub>2</sub> OS<sub>2</sub>) and not to exceed 75% of Soluble Arsenic.

When used for dusting the application should be made when the foliage is damp, so as to insure adhesion. It may be applied by sifting through bags of coarse muslin or duck, fastened to the end of a stick, which should be tapped by the operator in passing it over the plants to be treated, or it may be applied with a blow-gun. It may be mixed with powdered lime, landplaster or flour, using 1 lb. of the poison to 4 to 5 lbs. of the diluting material, and can thus be sifted upon the plants by the use of a can or other receptacle through the bottom of which small holes have been punched. It may also be used in a liquid form as Paste Arsenate of Lead, and when so used only half the quantity is required.

- |                        |                                       |
|------------------------|---------------------------------------|
| 1/2 -lb. pkg....\$ .30 | 25-lb. drum, write for special price  |
| 1 -lb. pkg.... .55     | 50-lb. drum, write for special price  |
| 5 -lb. pkg.... 2.50    | 100-lb. drum, write for special price |
| 10-lb. box .... 4.50   | Spray Calendar furnished free.        |



#### PARIS GREEN

A poisonous soluble powder. Applied as a powder, it should be mixed with lime or flour, one part Paris Green to one hundred parts of lime; as a spray, one pound to two hundred gallons of water, or can be mixed with bran for exterminating grasshoppers. Paris Green is especially effective against all chewing insects. 1/4-lb. pkg., 20c; 1/2-lb. pkg., 35c; 1-lb. pkg., 65c; 5-lb. pkg., \$2.50. Get special price on large amounts. Spray Calendar furnished free.



#### BLUE VITRIOL (Sulphate of Copper)

This is a sure preventative of smut in your grain and when the seed goes through a solution of vitriolized water the crop produced therefrom will be clean and free from smut. We handle only the crystal form ready to dissolve and use. One pound of Blue Vitriol dissolved in twenty gallons of water makes a suitable solution for treating thirty bushels of wheat, or barley for smut. It is not so handy to prepare for use as Formaldehyde but it is somewhat cheaper and we believe more effective. A mixture of five pounds of Blue Vitriol and five pounds of lime added to sixty gallons of water is very effective for celery blight. 1 lb., 25c; 4 lbs., 90c; 10 lbs., \$1.75; 100 lbs., \$16.00.

#### SLUG SHOT



This is one of the oldest and most reliable insecticides on the market. It comes in fine powdered form and easily distributed by dusting, or can be mixed with water and used in a spray.

It is very effective in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, etc.

- |  |        |
|--|--------|
| 1-lb. put up in can with perforated top..... | \$ .20 |
| 5-lb. put up in packages.....                | .75    |
| 10-lb. put up in packages.....               | 1.25   |

#### FORMALDEHYDE.

It is of pronounced efficiency in destroying disease germs affecting both animal and plant life and is successfully employed as a preventative of such fungus diseases as potato scab, onion and grain smuts, musty corn and other affected seeds, damping off of seedlings, club root of roses, etc., for the restraining of decay in vegetables, fruits, etc., and as an antiseptic wash and spray for bark diseases, canker and wounds in trees. The dilution for most purposes is one pound (1 pint) formaldehyde to 15 or 20 gallons of water. Formaldehyde is put up in pint or pound bottles and this quantity added to forty gallons of water will treat thirty bushels of wheat or barley, or forty bushels of oats for smut, or sixty bushels of flax for wilt. Price: 1-lb. bottle, 60c; 5 lbs., \$2.50. For larger amounts, get special prices.

#### WHALE OIL SOAP

One of the best insecticides to use against insects that eat the foliage, and where it is dangerous to use poison. It is also proof against mildew. One-fourth pound diluted to two and one-half gallons of water.

When used as a mixture with Paris Green, Black Leaf 40, Nicotene, etc., it is very effective against onion thrip, aphid, cabbage worms and also used for smearing trunks of trees to prevent worms crawling up. 1 lb., 25c. Not Postpaid.

#### NICOTEN

An extract of tobacco, one pint being made from 150 pounds of tobacco. Can be used as a spray, or fumigating. Use three tablespoonsful to 1 1/2 pints of water. Place the solution in a shallow pan and place in it a piece of well heated iron, which will cause the fumes to fill the house. 1/2 pt., \$1.10; 1 pt., \$2.00. Not postpaid.

#### NICO-FUME LIQUID

This is a highly refined solution of "free" nicotine, containing 40 per cent nicotine. This may be used both for spraying and fumigating. It is an effective remedy for green Aphid and other insects which infest Roses, Sweet Peas and other plants, when used at the rate of 1 to 2 teaspoonfuls to the gallon of water. Directions on each package. Price, 1/4 lb., 65c; 1 lb., \$2.00; by express or freight.

#### NICOFUME PAPER

By using this paper greenhouse men will find the destroying of lice, etc., very easy. It is a slow-burning paper, saturated with nicotine and is not at all injurious to tender plants. 24 sheets of paper in a tin box, \$1.25. Postpaid.

#### "BLACK LEAF 40" NICOTINE SULPHATE

This is splendid for use as a contact spray to kill green and wooly aphid, plant lice, red spiders, cabbage aphid and onion thrips. It is especially effective for the green aphid on sweet peas, roses and apple trees, as it kills the insects as soon as it touches them; but if used according to directions does not injure the leaves, flowers or fruit. Spray apple trees when the tips of the buds are green, 1/4 pt. to 100 gal. of water. For sweet peas and roses, use 40 drops of the solution to 1 qt. of water as soon as the pests appear. Prices: 1 oz., 30c; 1/2 lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75.

#### WHITAKER'S DIP AND DISINFECTANT

A dependable and economical preparation for ticks, lice, fleas, flies, mange, scratches, footrot, wire cuts, wounds, sores, etc., on cattle, sheep, hogs, horses, dogs and all domestic animals. Pints, 50c; quarts, 75c; 1/2 gal., \$1.10; gal., \$2.00; 5 gal. can, \$8.75. Price in larger quantities on application.



## INSECTICIDES—Continued

### BORDEAUX MIXTURE

#### Blight, Mildew and Rust Preventive

Prevents blight, rot, mildew, specks and spots. Increases crop yield 15 to 26 per cent. Ready for use. One gallon makes 50 gallons spraying compound by simply adding 49 gallons of water and stirring. There is no question about the profit in spraying fruits and vegetables. Sprayed fruit and vegetables sell for very much higher prices. You may have poor crops and not know the reason. Possibly you didn't know that blight causes the rot on tomatoes. Your melon or cucumber patch may have withered up in twenty-four hours without your understanding the cause. A magnificent field of celery today may tomorrow be a burned up, shriveled up disappointment, owing to the blight.

Prices: 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.70; 50 lbs., \$10.00.



### LIME AND SULPHUR SOLUTION

Guaranteed to test 33 degree Beaume.

A FERTILIZER, A SHEEP DIP, A FUNGICIDE. It is

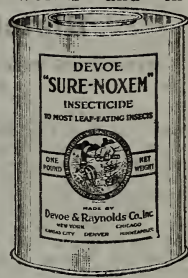
generally conceded that the best defense against SAN JOSE SCALE and kindred enemies of the orchard, is in spraying with a solution of Lime and Sulphur. The experimental stations and leading orchardists now generally recommend its use. The two are perfectly combined, thus securing the largest percentage possible of Sulphide of Sulphur, the only form of sulphur of value as a spray. It is clear, free from insoluble matter, highly condensed and of great strength. ¼ gal. cans, 35c; 1 gal. cans, 95c; 5 gal. kits, \$3.50; ½ barrel (about 30 gallons), 22c per gal.

One of the best vegetable insecticides in use. Specially recommended for destroying worms and insects on Cabbage, Cauliflower, Tomato Plants, Cucumber Vines, Melon Vines, Currant Bushes, Gooseberry Bushes, Vegetables and Flowers of all kinds attacked by leaf-eating insects.



### SURE NOXEM

1 lb. Sifter Top cartons, 20c; 5 lb. pkgs., 55c; 10 lb. drum, \$1.00; 50 lb. drum, \$4.00; 100 lb. drum, \$7.00.



### COMMON SENSE RAT EXTERMINATOR

It Dries Them Up.

We have found this to be the best mouse and rat exterminator we have ever sold. Rats will eat it when they refuse other poisons. One can will kill 50 rats. 25c.

**SWEENEY'S POISON WHEAT.**—It is clean and convenient to use, requires no mixing, no grease, no spreading on bread and is not dangerous to cats and dogs and very easy to use, but is very effective against mice, rats, prairie dogs, ground squirrels, etc., as it is saturated with deadly poison. Price: 15c, 30c and 60c package.

### MOORE'S PREPARED POISON GRAIN.

Certain and speedy destruction to ground squirrels, gophers, prairie dogs, rats, mice, etc., and easy to use; cheap and will kill ten where traps and other devices get one. All experienced pest fighters find poisoning the best method, but it must combine three points. It must be something they will eat; thoroughly poisoned and placed where they will get it. Lb. can, 50c each; 10 lbs., \$4.50; 50 lbs. at 40c per pound, not prepaid.

## Fertilizers

These Prices Are Not Prepaid. If Wanted by Parcel Post Add 5c Per Pound.

### FLORA FERTILIZER

There are three elements which we must heavily draw upon, of the many which are necessary to maintain plant life, namely; Potash, Phosphoric Acid and Nitrogen. Flora is guaranteed to contain these three elements as follows:

Potash	6%
Phosphoric Acid	11%
Nitrogen	4%

It is odorless and use only one-fourth as much Flora as other Commercial Fertilizers. 2 lb. can, 35c; 5 lbs., 70c; 25 lb. sack, \$2.00. Not postpaid.

### CABBAGE FERTILIZER

This is a complete fertilizer, containing all the elements of plant-food, and can be used on any crop as a substitute for stable manure, or, used with it, will give much better results than the use of manure alone. It gives the most satisfactory results on all farm and vegetable crops, being especially recommended for both early and late cabbage, potatoes and corn. Our customers who have used it for years pronounce it to be one of the most reliable fertilizers for all seasons that they have ever used. Price: 10 lbs., 60c; 50 lbs., \$1.50; 100 lbs., \$2.75.

### POTATO AND SUGAR BEET FERTILIZER

This fertilizer is especially prepared for Potatoes and Sugar Beets but will give splendid results on all root crops. On Irish Potatoes it will make large smooth tubers of good keeping qualities. Use 300 pounds in drills. If used with stable manure, use 200 pounds of fertilizer to the row. For Sugar Beets, 200 to 400 pounds of fertilizer per acre will give good results for producing a large yield of smooth roots. On onions, beets, salsify, carrots and turnips, it is also good, use 600 pounds per acre in drills, mixing with a little soil. Prices: 10 lbs., 60c; 50 lbs., \$1.50; 100 lbs., \$2.75.

### VEGETABLE FERTILIZER

This fertilizer is especially prepared and highly recommended for all vegetable crops. It gives most excellent results on peas, beans, cabbage, melons and tomatoes. Use 400 to 500 pounds per acre. A good substitute for stable manure, or can be used in connection with it. This also makes an excellent beet fertilizer. Price: 10 lbs., 65c; 50 lbs., \$1.60; 100 lbs., \$2.90.

### GRAIN AND GRASS FERTILIZER

**Analysis**—Ammonia, 4 to 5 per cent; Phosphoric Acid, 7 to 8 per cent; Potash, 1 per cent.

This brand is especially prepared for all grain and grass crops. It is quick-acting and at the same time lasting in its results, largely increasing the grain crop, and at the same time acting as a permanent improver, thus also benefiting the grass as a permanent improver, thus leaving the land in better condition for any other crop that may follow the grain crop. Use 300 to 400 pounds per acre. Price: 10 lbs., 60c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**IVY LAWN DRESSING**—It contains just the right proportions of the elements which nourish and feed grass into a luxuriant growth. It produces a rich green color and insures a permanent evenness over the whole surface of your lawn. Price: 1 lb., 10c; 4 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$2.50.

**NITRATE OF SODA**—A fertilizer very quick in action and used for the nitrogen it contains. It creates rapid growth, is odorless, very quickly and entirely soluble. It should be applied only when the plants are above ground; usual in combination with other chemical fertilizers. Very good for sweet peas, etc. Price: 1 lb., 15c; 10 lbs., \$1.20; 100 lbs., \$8.50.

**SWEET PEA GROWER**—Especially adapted to the flower garden and is much preferred to manure for the fertilizing of sweet peas. Price: 1 lb., 15c; 3 lbs., 35c.

**SHEEP MANURE**—Analysis: Ammonia, 2½ per cent; Phosphoric Acid, 1½ per cent; Potash, 1½ per cent. This is one of the most complete fertilizers known to science. It can be used separately or in combination with the special purpose fertilizers. Sheep Manure is considered the best fertilizer for lawns and truck gardens, and contains no strong odor that usually accompanies animal fertilizers. Price: 10 lbs., 25c; 25 lbs., 60c; 50 lbs., 75c; 100 lbs., \$1.25; 1,000-lb. lots, \$10.00; ton, \$16.00, at warehouse.

## SOIL BACTERIA

Legumes can be made to yield their maximum amount only when they are properly inoculated and when so treated they will enrich the soil to such an extent that high-priced fertilizers are usually unnecessary. Comes to you put up in cans ready to be sprinkled upon the seed just before planting. You can perfectly inoculate the seed for 10 acres in 10 minutes.

### Prices—Nitragin:

Garden NITRAGIN (for peas, beans, sweet peas only; all in one can, one size only, weight, 4 oz.).....	\$ .30
½ acre size (any culture, weight, 4 oz.).....	.50
1 acre size (any culture, weight, 8 oz.).....	1.00
2 acre size (any culture, weight, 1 lb.).....	1.80
5 acre size (any culture, weight 2½ lbs.).....	4.00
10 acre size (any culture, weight 5 lbs.).....	7.50

Postage or express is extra. Please state for what crop it is to be used, as there are different kinds of Nitragin.

## Westobac

WESTOBAC has proven to be one of the very best Bacterias on the market. Any one interested should get in touch with their office here in Denver, as they are always anxious to help growers get their crops put in properly.



# Stock and Poultry Feeds

## Blatchford's Calf Meal

FIRST ON THE MARKET—FIRST IN QUALITY—  
FIRST IN RESULTS.

Blatchford's Calf Meal is the original Milk-Substitute. It was the first on the market. For over one-third of a century it has been successfully used in raising calves by the most progressive farmers and dairymen in this country. It is the only calf meal backed by so remarkable a record.

Its success is due to three things. **FIRST**—Its quality. Blatchford's is above all a **quality** calf meal. Only the best materials are used in its manufacture. It contains no waste materials or by-products of low feeding value. **SECOND**—It contains all the nutritive and growth-



producing properties required by the calf. The finest and healthiest of calves can be raised upon it. **THIRD**—It is economical. One pound makes a full gallon of pure milk-substitute and it can be used at **less than half the cost** of using milk.

Blatchford's Calf Meal raises calves from babyhood. It is extremely palatable. It is easy to feed. It saves both milk and money. It will pay you to use it.

**Price:** 100 lbs., \$6.25; 50 lb., \$3.25; 25 lb. bags, \$1.75, **not prepaid**. Satisfaction guaranteed with every bag. Subject to market changes. Write for prices on larger quantities.

## A. & C. Calf Meal

We can recommend A. & C. Calf Meal. Analysis show it is equal to the best, and better than many brands of calf meal. Its richness in feeding value makes it one of the best and most economical milk substitutes offered. We have sold tons of it during the past years and have not had one complaint, but hundreds of satisfied customers. It is made in Denver, therefore can be sold at a lower price than other brands. **Price:** 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.50, **not prepaid**. Write for prices on larger quantities.

## Blatchford's Milk Mash

SHOULD BE EVERY CHICK'S FIRST FEED.



Blatchford's Milk Mash is the favored starting and growing feed of the most prominent poultry-raisers in the country. It contains all the feeds and nutrient chicks need **right from the start**. It shields them from white diarrhoea, bowel trouble and leg weakness.

This mash is neither a tonic nor a medicine, but a nutritious, wholesome, palatable body-builder. It promotes health, vitality and growth by building up sturdy, disease-resistant frames.

It does not force, but by supplying proper nourishment to each and every part of the body, it promotes steady and complete development in the shortest possible time.

Blatchford's Milk Mash contains no screenings, hulls or cheap by-products from the manufacture of breakfast foods, cereal foods or scratch grains. It carries chicks **all the way**—starts, grows and matures—**without change of feed**. 25 lb. bag, \$2.00, **not prepaid**.

## Blatchford's Egg Mash

THE STANDARD OF PERFECTION IN EGG MASHES.



Blatchford's "Fill--the--Basket" Egg Mash is built upon the principle that eggs are **manufactured** from the feed the hen receives. In other words, the hen is an egg-making factory. Her feed is the raw material from which she makes her eggs. Consequently, her feed must be rich in materials required for egg-production. Scratch grains alone are not sufficient. They will maintain the hen's life, but **surplus** nourishment is absolutely necessary if she is to yield her maximum of eggs.

Blatchford's Egg Mash contains a large variety of the best materials available for egg manufacture.

It successfully solves the problem of securing eggs both winter and summer. **Feed it—you will find it a profitable thing to do.** Sold in 100- and 25-lb. bags. Every bag guaranteed to give satisfaction. 25 lbs., \$1.75; 100 lbs., \$6.00, **not prepaid**.

## Gold Seal Baby Chick Feed

A wholesome, ready prepared, starting food which will nourish the chicks so they can make rapid growth. Contains the necessary materials to form bone and feathers such as seeds, millet and grains. It gives the chicks quick growth and tends to keep them in good health. To properly develop the chick, either for market or to become a producer of eggs it must be fed such food as will promote growth quickly and uniformly. **Price:** 4 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.25; 100 lbs., \$4.00. These prices are **not prepaid**.

## Crushed Oyster Shell

Hens must have lime in some form to furnish egg shell material. If you are having trouble with your flock laying soft or thin shelled eggs you should start feeding Oyster Shell immediately to remedy this condition. Crushed Oyster Shell is practically pure lime carbonate so there is almost no waste. **Price:** 5 lbs., 20c; 25 lbs., 60c; 100 lbs., \$1.75, **not prepaid**.

## Granite Grit

A clean, sharp grit containing elements both helpful and necessary for the proper nutrition of food and production of eggs. It is gray in color and contains no dirt, causing no waste. Please state whether you want fine or coarse, when ordering. **Price:** 5 lbs., 15c; 12 lbs., 25c; 25 lbs., 40c; 100 lbs., \$1.10, **not prepaid**.

## Green Cut Bone—Granulated

Made from soluble bones, dried but not cooked, retaining all the marrow and oil in the bones. **Price:** 5 lbs., 30c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.20; 100 lbs., \$4.00.

## Pratt's Baby Chick Feed

Many baby chicks die because they are not properly fed. The first five or six days after they are hatched, owing to a chick's inability to digest vegetable fibre and the intestinal tract is subject to the attacks of Cestam Organism acquired from improper food, so the first six days feed Pratt's Baby Chick Feed and then use Gold Seal Chick Feed. **Price:** 2 1/2 lb. carton, 35c; 5 1/2 lb. carton, 70c; 14 lb. bag, \$1.65, **not prepaid**.

## Tankage for Hogs

A cheap, efficient, bone building feed.  
60% Protein ..... \$4.50 per 100 lbs.  
45% to 50% Protein..... \$5.50 per 100 lbs.  
Write for prices on larger quantities.

## Bird Food

Canary, recleaned, imported.....	\$ .25 lb.
Dwarf Essex Rape, fancy recleaned.....	.20 lb.
Hemp Manchurian, fancy.....	.15 lb.
Mixed Bird Seed.....	.15 lb.
Bird Millet.....	.10 lb.

Special prices on large quantities.

## Medicated Nest Eggs

These eggs are so perfectly formed and colored that they satisfy the most fastidious hen. They look like real eggs. Besides they are sure death to lice and mites. 10c each; 3 for 25c.



## STOCK REMEDIES



## A Jump in Her Record

Most every herd has one or more cows that seem sluggish and low in yield without any apparent reason. In many cases this may be due to some vital organ becoming overworked. Proper treatment is needed to build up the system and fortify the cow against serious disease.

If you have such a cow, buy a package of Kow-Kure from your feed dealer or druggist and use according to directions. You'll be surprised at the difference it makes in her general health and milk yield. Kow-Kure is especially recommended as a preventive and cure for Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite, Bunches and Retained Afterbirth.

Write for free Treatise, "The Home Cow Doctor."

Price, 1½ lb., 60c; Postpaid, 70c.

Large Package, \$1.20; Postpaid, \$1.30.



## Injured Teats Make Bad Milkers

Sore, cracked, chapped and injured teats are the most prevalent of cow troubles, and always cause a falling off in the flow of milk. Sore teats are annoying to the milker, make the cow irritable and often ruin her disposition.

BAG BALM is a wonderful healing, penetrating ointment, a sure quick cure for test wounds, chaps, leaky teats; also for caked and swollen udder. Sold in generous 50c boxes by feed dealers and druggists. Send for free booklet, "Dairy Wrinkles".

DAIRY ASSOCIATION CO.  
Lyndonville, Vt.



**BAG BALM**  
MADE BY THE KOW-KURE PEOPLE

Price, 60c; Postpaid, 65c.

**HORSE COMFORT** is the healing balm for all flesh wounds, wire cuts, galls and sores of long standing. Its healing properties are remarkable. By its use the soreness is removed and the wound soon commences to heal. It kills proud flesh. It is quickly and easily applied, requires no bandage, washing or rubbing. It is one of the best remedies for scratches and mud fever, and is warranted one of the best all round healers on the market. Be sure to keep harness clean and dry. Price: 50c, not prepaid, or 60c postpaid.

Pratt's Animal Regulator, 35c, not postpaid; 40c, postpaid.

Pratt's Animal Regulator, large, 65c, not postpaid; 75c, postpaid.

Pratt's Animal Regulator, 12 lb. pail, \$2.85.

Pratt's Cholera Remedy, 30c and 60c, postpaid.

Pratt's Healing Powder, for galls and sores, 25c, not postpaid; 30c, postpaid.

Pratt's Colic Cure, 50c, postpaid.

Pratt's Liniment, 30c, postpaid.

## POULTRY SUPPLIES ETC.

## Water Glass (EGG PRESERVER)

This is one of the marvels of the Twentieth Century. "Listen!" Store your eggs for higher prices—no ice—no cold storage—just Water Glass.

**WATER GLASS** is recommended by the Department of Agriculture of the United States as being a very simple, economical and safe method for the preservation of eggs. Eggs preserved in Water Glass have been known to keep for eleven months and come out in as fresh condition as when newly laid. Preserve eggs when plentiful and be prepared for a scarcity when your hens take a rest.

This is the way you do it.

You put the eggs in a crock or jar and mix the Water Glass with water that has been boiled, using 12 parts of water to 1 of the Water Glass, and pour it over the eggs; be sure and see that all the eggs are covered with the mixture. Eggs, if allowed to stay in this solution, will keep fresh for one year—it's good, try it. Price, Pt., 25c; Qt., 40c; ½ Gal., 75c; 1 Gal., \$1.25, not postpaid.

## Save-Egg

A highly efficient preservative, easily and quickly applied. Anoint the eggs when fresh and place in common egg cases in a cool, dry place. If properly applied, Save-Egg will keep the eggs fresh for months and they may be poached, boiled or whipped the same as a fresh laid egg. 30c size preserves 50 dozen. 35c, postpaid.

## Leg Bands

Climax



Adjustable Bands—Made of pliable aluminum. 12 for 15c; 25 for 25c; 100 for 75c.

**Pigeon Bands**—Open; made of pliable aluminum. 12 for 15c; 25 for 25c; 100 for 65c.

All metal bands are numbered.

## CELLULOSE LEG BANDS

Ten showy colors permit different flocks to be readily identified. Very light and durable.

	12	25	50	100	250	500	1000
No. 1—Pigeon	\$.10	\$.20	\$.35	\$.60	\$1.30	\$2.25	\$4.00
No. 3—Day Old							
Chick	.10	.20	.35	.60	1.30	2.25	4.00
No. 2—Mediterranean	.15	.30	.50	.90	2.00	3.50	6.50
No. 4—American	.20	.35	.60	1.00	2.25	4.00	7.50
No. 6—Asiatic	.20	.35	.60	1.10	2.50	4.75	8.75
No. 7—Turkey	.25	.40	.65	1.20	2.75	5.25	9.75

## Poultry Remedies

Conkey's Roup Remedy, 30c, 60c; \$1.20, postpaid.

Conkey's Cholera Remedy, 30c, 60c, postpaid.

Conkey's Lice Powder, 30c, not postpaid; 40c, postpaid.

Conkey's Lice Powder, 3-lb. pkgs., 60c, not postpaid; 75c, postpaid.

Conkey's White Diarrhoea Remedy, 30c and 60c postpaid.

Pratt's Roup Remedy, 30c and 60c, postpaid.

Pratt's Diarrhoea Remedy, 30c and 60c, postpaid.

Pratt's Poultry Regulator, 35c; not postpaid; 40c, postpaid.

Pratt's Poultry Regulator, large, 65c, not postpaid; 80c, postpaid.

**EMPIRE POULTRY CONDITIONER**—A laying tonic, rich in iron. Develops red blood, bone, muscles and feathers and promotes egg production. 30c and 60c cartons. 10-lb. packages.

**EMPIRE LICE POWDER**, 30c.

**EMPIRE ANTI GERM**—For Cholera, roou and white diarrhoea, 30c.

## Thermometers

Postpaid

## Incubator Thermometers.

**Angle Pattern**—Flange on upper edge turned over so as to hook on wire or metal strip. Each, \$1.00.

**Straight Pattern**—Flange on both sides. Each, \$1.00.

**Certified**—With engraved stem every fifth line and figures stamped on scale, with certificate. Each, \$1.50.

**Brooder Thermometer**—Each, 40c, postpaid.

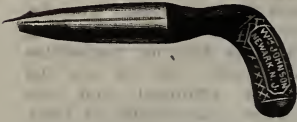
**Household**—8-in., japanned tin case....Each, 50c

**Household**—10-in., japanned tin case....Each, 60c.





## Dibbers



Iron Handle — Steel Point,  
50c. Mailing weight, 1 lb.  
55c, postpaid.

Wood Handle—Steel Point.  
Price, 50c each; 55c, post-  
paid.

D-Handle — Steel Point —  
Price, 60c; 65c, postpaid.



## Trowels

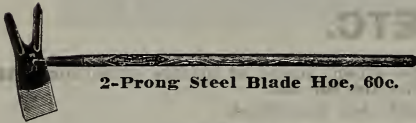


Steel Blade  
Steel Blade—Of best material, 35c.  
Postpaid, 40c.

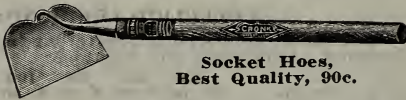
## Transplanting Trowels



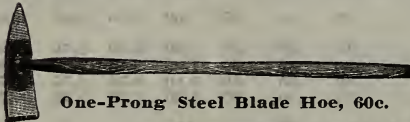
Transplanting Trowels, 25c; Postpaid, 30c.



2-Prong Steel Blade Hoe, 60c.



Socket Hoes,  
Best Quality, 90c.



One-Prong Steel Blade Hoe, 60c.



Tree Pruner, \$1.75



Brush Pruner, 85c.  
Extra Quality Pruner, \$1.25.

## LANG'S HAND WEEDER

HANDIEST  
TOOL

ON EARTH.



Very Handy Tool. Every Gardener should have one.  
Lang's Weeder, 20c; Postpaid, 25c.

Dutch Hoe,  
Steel Blade,  
with Handle,  
\$1.00.



Extra Large Hoes, \$1.25.



14-Tooth Best Quality Rakes.....\$ .00  
14-Tooth Best Quality Bow Rake..\$1.00



MANURE FORKS  
5-Prong, \$1.65 6-Prong, \$1.75.  
Can supply either long or D-handle.



Hay Fork, \$1.65.

SHOVELS  
Irrigating Shovel, \$2.00.  
Maynard Shovel, \$2.25.  
Meyer's Shovel, \$2.15.  
Spading Fork, \$1.75.

## Parcel Post Rate on Seed Tools, Etc.

**WEIGHT LIMIT:**—The weight limit within the first, second and third zones is now 70 pounds, and within all other zones 50 pounds.

Shipments of 20 pounds or over are cheaper if sent by Express beyond the third zone.

	First Pound or Fraction	Each Additional Pound or Fraction
First Zone, within 50 miles of Denver.....	5c	1c
Second Zone, within 50-150 miles of Denver.....	5c	1c
Third Zone, within 150-300 miles of Denver.....	6c	2c
Fourth Zone, within 300-600 miles of Denver.....	7c	4c
Fifth Zone, within 600-1000 miles of Denver.....	8c	6c
Sixth Zone, within 1000-1400 miles of Denver.....	9c	8c
Seventh Zone, within 1400-1800 miles of Denver.....	11c	10c
Eighth Zone, all over 1800 miles of Denver.....	12c	12c

Express and freight rates are usually cheaper in large quantities.

We make no charge for delivery to depot or express office.



## Number of plants to the acre at given Distances.

Distance apart.	No. plants.
12 x 1 in.....	522,720
12 x 3 ".....	174,240
12 x 12 ".....	43,560
16 x 1 ".....	392,040
18 x 1 ".....	348,480
18 x 3 ".....	116,160
18 x 12 ".....	29,040
18 x 18 ".....	19,360
20 x 1 ".....	313,635
20 x 20 ".....	15,681
24 x 1 ".....	261,360
24 x 18 ".....	15,520
24 x 24 ".....	10,890
30 x 1 ".....	209,088
30 x 6 ".....	34,848
30 x 12 ".....	17,424
30 x 16 ".....	13,068
30 x 20 ".....	10,454
30 x 24 ".....	8,712
30 x 30 ".....	6,970
36 x 3 ".....	58,080
36 x 12 ".....	14,520
36 x 18 ".....	9,680
36 x 24 ".....	7,260
36 x 36 ".....	4,840
42 x 12 ".....	12,446
42 x 24 ".....	6,223
42 x 36 ".....	4,148
48 x 12 ".....	10,890
48 x 18 ".....	7,790
48 x 24 ".....	5,445
48 x 30 ".....	4,356
48 x 36 ".....	3,630
48 x 48 ".....	2,723
60 x 36 ".....	2,901
60 x 48 ".....	2,178
60 x 60 ".....	1,743
8 x 1 ft.....	5,445
8 x 3 ".....	1,815
8 x 8 ".....	680
10 x 1 ".....	4,356
10 x 6 ".....	726
10 x 10 ".....	435
12 x 1 ".....	3,630
12 x 5 ".....	736
12 x 12 ".....	302
16 x 1 ".....	2,722
16 x 16 ".....	170

U. S. FOOD  
ADMINISTRATION  
License No. G34496

## TABLE OF WEIGHTS AND QUANTITIES OF SEEDS USUALLY SOWN TO THE ACRE

FIELD SEEDS	Quantity Per Acre	Pounds Per Bu.
Alfalfa, broadcast .....	15 to 20 lbs.	60 lbs.
Alfalfa, drilled .....	12 to 15 lbs.	60 lbs.
Amber Cane (see Sorghum).....		
Barley .....	85 to 100 lbs.	48 lbs.
Beans, Field, in hills.....	20 to 35 lbs.	60 lbs.
Beans (Field in hills dry land).....	15 to 25 lbs.	60 lbs.
Blue Grass, Kentucky.....	35 to 40 lbs.	14 lbs.
Blue Grass, Canada.....	35 to 40 lbs.	14 lbs.
Brome Grass, hay purposes .....	18 to 20 lbs.	14 lbs.
Brome Grass, for pasture .....	20 to 25 lbs.	14 lbs.
Broom Corn .....	4 to 5 lbs.	48 lbs.
Bromus Inermis (see Brome Grass).....		
Buckwheat .....	60 to 70 lbs.	52 lbs.
Cane (see Sorghums).....		
Clover, Alsike for hay.....	8 to 18 lbs.	60 lbs.
Clover, Red .....	12 to 15 lbs.	60 lbs.
Clover, for hay .....	10 to 18 lbs.	60 lbs.
Clover, Sweet (Hulled) .....	20 lbs.	60 lbs.
Clover, Sweet (Unhulled) .....	25 lbs.	30 lbs.
Clover, White .....	10 to 12 lbs.	60 lbs.
Corn, Field or Garden.....	10 to 12 lbs.	56 lbs.
Corn, for silage .....	30 to 35 lbs.	56 lbs.
Cow Peas, broadcast .....	80 to 120 lbs.	60 lbs.
Cow Peas, drilled .....	40 to 65 lbs.	60 lbs.
Crimson Clover .....	12 to 15 lbs.	60 lbs.
Canada Field Peas, broadcast.....	90 to 120 lbs.	60 lbs.
Flax Seed .....	35 to 65 lbs.	56 lbs.
Emmer (see Speltz).....	70 lbs.	56 lbs.
English Blue Grass.....	30 lbs.	40 lbs.
Feterita (for hay).....	20 to 30 lbs.	48 lbs.
Grass Seed, for lawns.....	1 lb. 150 Sq. Ft.	14 lbs.
Grass for Meadows.....	30 to 40 lbs.	
Hungarian Millet, for hay.....	40 lbs.	48 lbs.
Kaffir Corn, drill .....	3 to 6 lbs.	56 lbs.
Kaffir Corn, broadcast for hay.....	10 to 20 lbs.	56 lbs.
Millet, Common, for hay.....	30 lbs.	50 lbs.
Millet, Common, for seed.....	20 lbs.	50 lbs.
Millet, German, for hay.....	30 lbs.	50 lbs.
Millet, German, for seed.....	25 lbs.	50 lbs.
Millet, Siberian, for hay.....	30 lbs.	50 lbs.
Millet, Siberian, for seed.....	25 lbs.	50 lbs.
Millet, Japanese .....	15 lbs.	50 lbs.
Milo Maize (for grain or seed).....	5 to 6 lbs.	35 lbs.
(For hay).....	20 to 30 lbs.	
Oat Grass, tall.....	25 lbs.	11 lbs.
Oats .....	50 to 70 lbs.	32 lbs.
Orchard Grass .....	20 to 30 lbs.	14 lbs.
Pasture Mixture .....	30 to 40 lbs.	14 lbs.
Peas, Field .....	75 to 100 lbs.	60 lbs.
Rape, in drills.....	3 to 4 lbs.	50 lbs.
Red Top, solid seed .....	14 to 18 lbs.	14 lbs.
Red Top, in chaff .....	30 to 40 lbs.	14 lbs.
Potatoes .....	600 lbs.	60 lbs.
Rye, Early .....	50 to 60 lbs.	56 lbs.
Rye, late .....	60 to 100 lbs.	56 lbs.
Rye, for hay .....	150 to 175 lbs.	56 lbs.
Rye Grass, Italian .....	40 to 50 lbs.	14 lbs.
Salt Bush .....	3 to 5 lbs.	
Sorghum, for hay, broadcast .....	75 to 100 lbs.	50 lbs.
Sorghum, for seed .....	2 to 5 lbs.	50 lbs.
Sudan Grass, for hay .....	10 to 15 lbs.	40 lbs.
Sudan Grass Seed .....	5 lbs.	40 lbs.
Soy Beans, drills .....	30 to 40 lbs.	60 lbs.
Soy Beans, broadcast .....	60 to 80 lbs.	60 lbs.
Speltz .....	60 lbs.	56 lbs.
Sweet Corn, fodder.....	30 lbs.	46 lbs.
Timothy .....	15 to 25 lbs.	45 lbs.
Timothy and Clover.....	14 lbs.	
Vetch .....	60 lbs.	60 lbs.
Wheat, Irrigated .....	60 to 100 lbs.	60 lbs.
Wheat, Dry Land .....	40 to 60 lbs.	60 lbs.

## Amount of Vegetable Seeds Sown to the Acre

	Quantity Per Acre.		Quantity Per Acre.
Artichoke, Jerusalem, roots.....	400 to 500 lbs.	Leek, 1/3 oz. to 100 ft. of drill.....	4 lbs.
Artichoke, 1 oz. to 400 plants.....		Lettuce, 1 oz. to 100 ft. of drill.....	4 lbs.
Asparagus, 1 oz. to 40 ft. of drill.....		Melon, Musk, 1 oz. to 75 hills.....	2 to 3 lbs.
Beans, Dwarf, 1 lb. to 100 ft. of drill.....	40 to 60 lbs.	Melon, Water, 4 oz. to 100 hills.....	4 to 5 lbs.
Beets, Table, 1 oz. to 50 ft. of drill.....	6 lbs.	Nasturtiums, 2 oz. to 10 ft. of drill.....	15 lbs.
Beets for Sugar, 1 oz. to 50 ft. of drill.....	12 to 20 lbs.	Okra, 1 oz. to 100 ft. of drill.....	8 lbs.
Beets, Mangel, 1 oz. to 50 ft. of drill.....	7 lbs.	Onion Seed, 1 oz. to 100 ft. of drill.....	4 to 5 lbs.
Brussels Sprouts, 1 oz. to 3,000 plants.....		Onions, for sets.....	10 to 12 lbs.
Cabbage, 1 oz. to 2,000 plants.....	1/4 to 1/2 lb.	Onion sets in rows.....	8 to 10 bu.
Carrot, 1 oz. to 100 ft. of drill.....	3 lbs.	Parsnips, 1 oz. to 200 ft. of drill.....	5 to 6 lbs.
Cauliflower, 1 oz. to 2,000 plants.....		Parsley, 1 oz. to 100 ft. of drill.....	2 to 3 lbs.
Celery, 1 oz. to 3,000 plants.....	1/4 lb.	Peas, Garden, 1 lb. to 150 ft. of drill.....	60 to 75 lbs.
Chicory, 1/2 oz. to 100 ft. of drill.....		Pepper, 1 oz. to 1,500 plants.....	1/4 lb.
Corn, 1 lb. to 100 hills.....	10 to 12 lbs.	Peas, Field, in drills.....	75 to 100 lbs.
Cow Peas, broadcast.....	120 to 150 lbs.	Pumpkin, 4 oz. to 100 hills.....	2 to 3 lbs.
Cress, 1/4 oz. to 100 ft. of drill.....		Radish, 1 oz. to 100 ft. of drill.....	8 lbs.
Cucumbers, 1 oz. to 75 hills.....	2 lbs.	Salsify, 1 oz. to 100 ft. of drill.....	8 lbs.
Dill, 1/2 oz. to 100 ft. of drill.....	3 to 5 lbs.	Spinach, 1 oz. to 100 ft. of drill.....	10 lbs.
Egg Plant, 1 oz. to 1,500 plants.....	1/4 lb.	Squash, Summer, 4 oz. to 100 hills.....	3 lbs.
Endive, 1 oz. to 100 ft. of drill.....	4 1/2 lbs.	Squash, Winter, 8 oz. to 100 hills.....	3 to 4 lbs.
Kale, 1 oz. to 3,000 plants.....	1/4 lb.	Tobacco, 1 oz. to 4,000 plants.....	
Kohl Rabi, 1/3 oz. to 100 ft. of drill.....	4 lbs.	Tomato, 1 oz. to 3,000 plants.....	1/4 lb.
		Turnip, 1 oz. to 150 ft. of drill.....	4 to 6 lbs.



<b>A</b>	Acrolinium	70	Columbine	71, 80	Iron Age Garden Tools	87	Potatoes	58-59
	Adonis Flos	70	Corrosive Sublimate	59	<b>J</b>		Poultry Feeds	92
	Ageratum	70	Columbine Roots	59	Johnson Grass	9	Poultry Remedies	93
	Alfalfa	70	Convolvulus	72	Jerusalem Corn	11	Preserving Melons	49
	Alysee Clover	13	Coriander	78	<b>K</b>		Privet	82
	Alysee & Timothy mixed	14	Corn, Field	20, 24	Kaffir Corn	10	Pumpkin	57
	Alysum	70	Corn, Pop	23	Kale	45	Planters	85, 86, 87
	Amaranthus	70	Corn, Salad	44	Kentucky Blue Grass	16	<b>R</b>	
	Amber Cane	10	Corn, Sweet	7, 8, 42, 43	Kohl Rabi	93	Radish	60-61
	Anise	78	Cornflower	71	Kow Kure	93	Rape, Dwarf Essex	26
	Apples	75	Corn Planter	85	<b>L</b>		Raspberries	7, 76
	Aquilegia	70, 85	Corn Shellers	85	Lantana	72	Red Clover	13
	Arsenate of Lead	90	Cosmos	71	Larkspur	72	Red Top Grass	15
	Artichoke	28	Cow Peas	25	Larkspur Plants	80	Rhubarb	62
	Artichoke Jerusalem	26, 67	Cow Cure	93	Leek	46	Rhubarb Roots	67
	Asparagus Seed	28	Cress	75	Leg Bands	93	Ricinus	71
	Asparagus Roots	67	Cucumber	44	Lilac	92	Rosemary	78
	Aster Plants	67	Cultivators	85, 86, 87	Lima Beans	6, 30	Roses	83-84
	Aster, Hardy	80	Cyprus Vines	71	Lettuce	46-47-48	Rutabagas	5, 66
	Aster	80	Currants	76	Lily	81	Rye	19
	Australian Salt Bush	26	<b>D</b>		Lime, Sulphur	90-91	Rye Grass	16
<b>B</b>			Dahlia Seed	71	Lobelia	72	<b>S</b>	
	Baart Wheat	17	Dahlia Bulbs	3, 79	Love in a Mist	73	Sage	67, 78, 80
	Baby's Breath	72, 87	Daisy, English	71	<b>M</b>		Sage Roots	67
	Bachelor's Button	71	Daisy, Hardy	71	Macaroni Wheat	17	Salsify	62
	Bag Balm	93	Daisy, Shasta	71	Mammoth Clover	13	Salpiglossis	74
	Balloon Vine	70	Daisy, Swan River	70	Mangel Wurzel	32	Salvia	74
	Balsam	70	Dandelion	44	Marigold	71	Salt Bush	26
	Barley	19	Defiance Wheat	17	Marvel of Peru	71	San Luis Valley Peas	25
	Basil, Sweet	78	Delphinium	72, 80	Marquis Wheat	17	Savory	78
	Beans, Garden	29	Dewberry	76	Matricaria	72	Schrock Kaffir	10
	Beans, Field	26, 27	Dianthus	74	Maurandia	72	Seeders	85, 90-91
	Beans, Lima	6, 30	Dibbers	94	Meadow Mixture	14	Siberian Millet	11
	Beets	31	Dielytra	80	Meadow Fescue	16	Seed Potatoes	58-59
	Beets, Sugar	33	Dill	78	Melon, Musk	4, 48-49	Shade Trees	82
	Beet, Stock	82	Drills	86, 87	Melon, Water	50	Shasta Daisy	71, 81
	Bellis, see Daisy	71	Drough Resisting Seeds	9, 10	Mexican Beans	27	Shrubs	82
	Berries	76, 77	Dry Land Alfalfa	12	Mignonette	72	Silo Corn	22
	Bird Food	92	Dry Land Peas	25	Milk Mash	92	Slug Shot	90
	Blackberries	92	<b>E</b>		Millet	11	Snowball	82
	Black Leaf 40	90	Everlasting Sweet Peas	69	Milo Maize	72	Snap Dragon	74
	Bleeding Heart	80	Egg Plant	44, 45, 67	Mimulus	72	Sorghum	10
	Blue Grass	16	Egg Preserver	93	Mint Roots	64	Speltz	19
	Blue Vitriol	90	Elephant Ears, Caladium	78	Mock Orange	82	Spinach	62
	Borage	78	Emerald Lawn Grass	18	Moon Flowers	72	Spirea	82
	Bordeaux Mixture	91	<b>Mixture</b>	18	Monk's Hood (Larkspur)	74	Sprayers	88-89
	Boston Ivy	82	Emmer (Speltz)	19	Morning Glory	72	Squash	63-64
	Brachycome	70	Endive	45	Mourning Bride	72	Stock Foods	92
	Bridal Wreath	82	English Blue Grass	16	Mushrooms	51	Stock Remedies	93
	Bromus Inermis	15	Ensilage Corn	24	Muskmelons	4, 48	Stocks, Ten Weeks	74
	Brome Grass	15	Escholtzia	72	Mustard	51	Strawberry Plants	7, 77
	Broom Corn	11	<b>F</b>		Myosotis	71	Sudan Grass	9
	Browallia	70	Fennel, Sweet	78	<b>N</b>		Sugar Beets	33
	Brussels Sprouts	33	Fertilizers	91	Nasturtium	73	Sugar Cane	10
	Buck Wheat	24	Feterita	11	Navy Beans	27	Summer Savory	78
<b>C</b>			Feverfew	72	Nico Fume Paper	30	Sunflower	26
	Cabbage	6, 34, 35, 36	Field Beans	26-27	Nicofume Liquid	30	Swan River Daisy	70
	Cabbage Plants	67	Field Corn	20, 24	Nicotiana	73	Sweet Clover	14
	Cactus Dahlia	97	Field Peas	25	Nigella	73	Sweet Corn	6, 7, 42
	Caladium	78	Flax	24	Nitra-gin	91	Sweet Peas	68-69
	Calendula	70	Flower Seeds	68 to 74	Nitrat Soda	91	Sweet Marjoram	78
	Calf Meal	92	Flowering Almonds	82	Novelties	3 to 8	Sweet William	81
	California Poppy	72	Forget-Me-Not	71	<b>Nursery Stock</b>	75	Sweet William Plants	81
	Calliopsis	70	Formaldehyde	90	<b>O</b>		Swiss Chard	31
	Campanula	70	Four O'Clock	71	Oats	8, 18	<b>T</b>	
	Canada Field Peas	25	Foxglove	71	Onion Seed	4, 51-53	Tarragon	67
	Canadian Blue Grass	16	<b>G</b>		Onion Sets	54	Tall Meadow Oat Grass	15
	Canary Bird Vine	70	Gaillardia	72-80	Orchard Grass	15	Thermometers	93
	Candytuft	70	Garden Beans	29	Oriental Poppy	74, 80	Thyme	78
	Cane	10	Garden Lemon	49	Oyster Plant	62	Timothy	15
	Canna, Bulb	78	Garden Tools	94	Oyster Shell	92	Tobacco	64
	Canna Seed	70	Garden Plows	86-87	Okra	51	Tobacco Dust	90
	Cantaloupe	49	Garlic	45-54	<b>P</b>		Tomatoes	3, 6, 64
	Canterbury Bells	70	Geranium	72	Paeonies	80	Tomato Plants	67
	Caraway	78	German Millet	11	Passion Flower	73	Tritona	80
	Carnation	71	Gladiolus	78	Pansy	73	Trees, Fruit	75-76
	Carrot	38, 39, 40	Golden Glow	80	Pansy Plants	67	Trees, Ornamental	82
	Cassaba Melon	49	Gooseberries	76	Paris Green	90	Trowels	94
	Castor Bean	71	Grains	17-18-19	Parsley	54	Tuberose	78
	Catch Fly	71	Grapes	77	Parsnip	54	Turkestan Alfalfa	13
	Catnip	78	Grass Seed	15	Peaches	75	Turkey Red Wheat	17
	Cauliflower	37	Grass Mixtures	14	Peanut	25	Turnips	65-66
	Cauliflower Plants	67	Grass, Sudan	9	Pears	75	<b>V</b>	
	Celeriac	41	Grimm Alfalfa	13	Peas, Garden	5, 8, 55, 56	Vegetable Plants	67
	Celery	40, 41	Gumbo	51	Peas, Field	25	Vegetable Seed	28
	Celery Plants	67	Gypsophila	72	Pepper Grass	44	Vegetable Oyster	62
	Celosia, Comstock	71	Gypsophila Plants	80	Peppers	56-57	Verbena	64
	Centaurea	71	<b>H</b>		Pepper Plants	67	Vetch	26
	Chickory	41	Hardy Plants	80-81	Petunia	73	Vine Peach	49
	Chervil	41	Heliotrope	72	Perennial Rye Grass	16	Violet	74
	Cherries	75	Herbs	78	Phlox	74, 80	<b>W</b>	
	Chick Feed	92	Hibiscus	80	Pie Plant	62-67	Wall Flower	74
	Chives	41, 67	Hoes	94	Pinks	74	Water Cress	44
	Crysanthemum	71	Hog Tankage	92	Pinks, Hardy	81	Water Glass	93
	Citron	49	Hollyhock	72	Pinto Beans	27	Watermelon	50
	Clarkia	71	Hollyhock Plants	80	Planet Jr. Tools	86	Weeder	85
	Clematis	82	Honey Dew	4	Plants	67	Western Wheat Grass	15
	Clovers	13	Honey suckle	82	Plants, Hardy	80	Wisteria	82
	Clover, Alysee	13	Horehound	78	Plums	76	Whale Oil Soap	90
	Clover, White	13	Horse Radish	67	Poisons	90-91	Wheat	17
	Clover, Red	13	Hog or Broom Millet	11	Popcorn	23	Whipoorwill Cow Peas	25
	Clover, Sweet	14	<b>I</b>		Poppy	74	White Clover	13
	Cobea Scandens	71	Ice Plant	72	Poppy, Oriental	74	Woodbine	82
	Collections	71	Implements	85 to 87	Portulaca	74	<b>X</b>	
	1, 38, 51, 67, 68, 79, 81, 83	71	Insecticides	90	Pony, California	72	Xeranthemum	74
	Coleus	71	Iris Plants	80	<b>Z</b>		Zinnia	74



Western Seed Co. Direct Importers

SOLE AGENTS

DENVER, U.S.A.

FRANCE, GERMANY, SPAIN

DENMARK, HOLLAND, ENGLAND

SEAL OF QUALITY

# The Western Seed Co.

Date....., 1921

Ladies will please put the prefix Miss or Mrs.

County, \_\_\_\_\_ State, \_\_\_\_\_

{ If different }  
{ from P. O. }

State whether by **Parcel Post, Express, Freight** (and Route)

Total, . . . \$\_\_\_\_\_

Page

Alfalfa	12
Alysyke	13
Apple	75
Asparagus	28-67
Beans	27
Beets	31-32
Berries	76-77
Cabbage	34-35
Cane	1
Cantaloupe	49
Carrot	38-39
Cauliflower	37
Celery	40
Cherries	75
Clover	13
Corn, Field	20
Corn, Sweet	42
Cow Peas	25
Cucumber	44
Grasses	15
Dahlias	3-79
Flower Seed	68-79
Grape	77
Kaffir Corn	10
Lettuce	46
Mangel Wurzel	32
Millet	11
Milo Maize	10
Oats	18
Onion Seed	51
Onion Sets	54
Peaches	75
Pears	75
Peas	55
Pie Plant	67
Plants	67
Plums	76
Potatoes	58-59
Radish	60-61
Rape	26
Shrubs	82
Speltz	19
Sudan Grass	9
Timothy	15
Trees	75-76-82
Tomatoes	64
Turnips	65
Watermelon	50
Wheat	1

[illegible]

OVER



QUANTITY		NAME OF SEEDS		PRICE		QUANTITY		COLLECTIONS		PRICE	
		AMOUNT BROUGHT FORWARD						AMOUNT BROUGHT FORWARD			
								GREAT COLLECTION, \$1.00			
								Page 1			
								GARDEN COLLECTION, \$1.50			
								Page 1			
								FARM GARDEN COLLECTION, \$3.00			
								NASTURTIUM COLLECTION, 25c ..			
								Page 81			
								SWEET PEA COLLECTION, 25c ...			
								Page 81			
								BRIGHT ARRAY COLLECTION, 25c			
								Page 81			
								GREAT FOUR SWEET PEA, 25c			
								Page 68			
								DAHLIA OFFER			
								Page 79			
								ROSE OFFER, \$2.50			
								Page 33			
								VEGETABLE PLANT COLLECTION,			
								Page 67		60c	
								ROOT CROP COLLECTION, 70c			
								Page 51			
								AMOUNT TO CARRY FORWARD			

[illegible]



## GOLD SEAL SEED—THE BEST THE WORLD PRODUCES

ELMER HARTNER, President

A blank ledger page with a light beige background. The page is ruled with horizontal lines and vertical lines, creating a grid of columns and rows. The grid is composed of solid lines for the main structure and dotted lines for the internal divisions. The page is empty of any text or markings.

Name .....

Freight Office .....

State.....

R. F. D. No. ....

OVER



**IMPORTANT**

# **A Suggestion to Large Buyers**

In every business or enterprise it is just as important to buy right as it is to sell to advantage. Every business man must know what the article he intends to purchase will cost delivered at his store. Successful farmers today are those who figure close and know values well. The real basis of comparison of prices is the total cost of an article, delivered, ready for use. Oftentimes we can affect a saving on the freight, thus reducing your cost.

Let us submit delivered prices early while they are low. If found satisfactory, order at once with a small deposit. Your order will be filled, stored and shipped when you want it. You will thus save money, be assured of the seed and help us to give you better service in the rush season. Make up your list now and avoid disappointment.

**Use Other Side of This Paper**

## **Special Notice:**

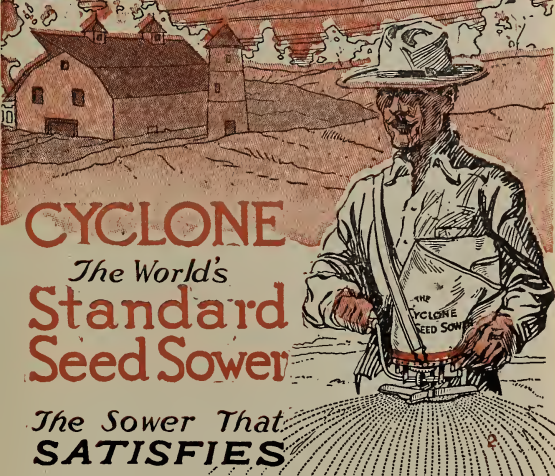
We shall esteem it a great favor if you will give us in the spaces below the Names and Addresses of any Growers who may need seed among your acquaintances. We wish to send them our Catalogue.

**NAME**

**ADDRESS**



# A Seed Sower *Every* Farmer Can Afford



**CYCLONE**  
*The World's*  
**Standard**  
**Seed Sower**

*The Sower That*  
**SATISFIES**

Price \$3.00 Each

**THE WESTERN SEED CO.**  
Denver, Colorado





**FIFTY ACRES** in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizers—a Cyclone will pay for itself in three hours work! Because its absolutely even distribution will make three bushels do the work of four.

### The Parts that do the Business

1. **SLOPE FEED BOARD**—A very important feature, found only in the Cyclone. Keeps the hopper properly filled without tilting the machine. Insures a uniform flow and affords a great convenience to the operator in carrying the Seeder.

2. **AUTOMATIC FEED ADJUSTMENT**—Gives positive Force Feed throughout. Quickly adjusted for different seeds. Flow can be started or stopped instantly by a touch of a lever. Can't clog or "rush." No waste of seed.

3. **DISTRIBUTING WHEEL**—Scatters seed evenly. Throws equal amounts to equal distances on each side of operator. Made of solid tin—with no soldered joints.

**Low Priced—But Guaranteed Absolutely.**



FROM

Name .....

Address .....

Town .....

The Western Seed Co.

1421-1423-1425 Fifteenth Street

Denver, Colo.



FROM

Name .....

Address .....

Town .....

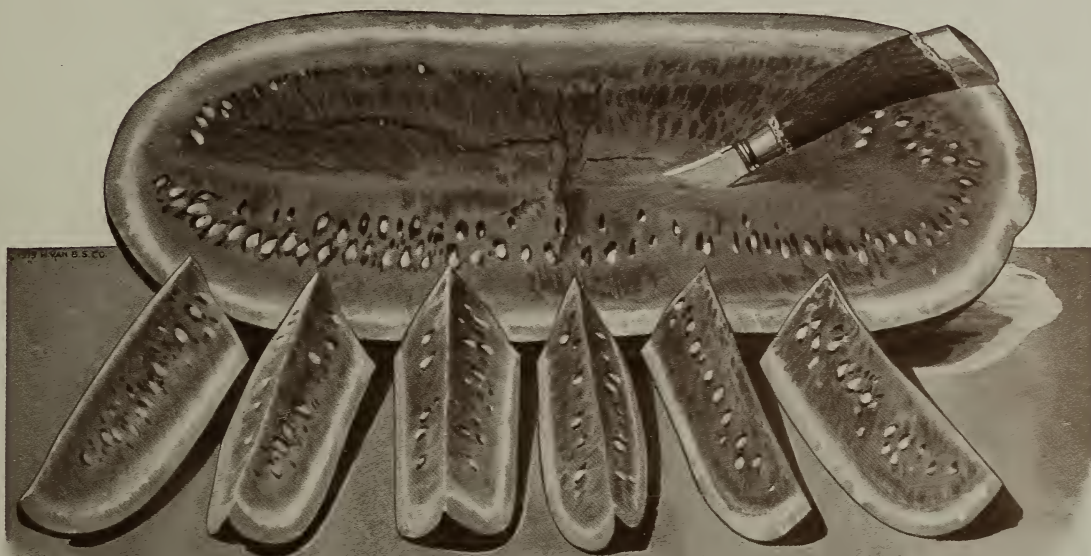
**The Western Seed Co.**

1421-1423-1425 Fifteenth Street

Denver, Colo.



# VAN BUSKIRK'S JUMBO SUGAR BOY WATERMELON



## Most Delicious of All

A large, sweet, luscious melon; dark green shell, with bright, solid red flesh—a prize winner, fit for all purposes.

The above is not an exaggerated picture, but a true representation of this melon. The painting from which this picture was made, was painted direct from the fruit. The seed we offer was grown by the originator, is selected from melons weighing from 35 to 70 pounds each. This melon was bred up by the Van Buskirk Seed Company, which firm also originated the Netted Kig. It is a very prolific yielder, early, and when cut it is very attractive and its quality is fully equal to its attractiveness. The beautiful, solid, red flesh is crisp, sweet and luscious. It contains one-third more sugar than the Tom Watson; although it is a large melon, the rind is thin and flesh is of exceptionally fine texture. If you plant this melon, you will not be disappointed.

PRICES: Packet, 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25;  $\frac{3}{4}$  lb., \$2.25; 5 lbs., \$9.00.

Other Melons, see page 50.

Money Saving Collections and Special Offers, see pages 1, 38, 51, 67, 68, 79, 81, 83.



# The Western Seed Co.

1421-1423-1425 FIFTEENTH STREET

Denver, Colo.



A FIELD OF ALFALFA See Page 13